

19991013.qrp v01_n607.qrl.991013

Date: Wed, 13 Oct 1999 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1607

QRP-L Digest 1607

Topics covered in this issue include:

- 1) [52992] PA QSO Party Program Crash
by "Ron Polityka" <wb3aal@talon.net>
- 2) [52993] Re: Morse software doesn't have to be big
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 3) [52994] Re: I smell a new name...
by "Arthur G. Silvers" <ags@ieee.org>
- 4) [52995] Tonight's Fox Hunt
by w2xn@juno.com
- 5) [52996] Tinning Solution
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
- 6) [52997] Big Surprise
by David J Adams <adamsclan@netgate.net>
- 7) [52998] Wheeee Haaaaaawwww #100 - FY/DJ6SI -alert
by Adrian Weiss <aweiss@usd.edu>
- 8) [52999] FY/DJ6SI Still on 10102.1 0027Z and begging!
by Adrian Weiss <aweiss@usd.edu>
- 9) [53000] ARCI Fall QSO Party / Pacificon
by Joe Gervais <vole@primenet.com>
- 10) [53001] NA for Fall QSO Party?
by Joe Gervais <vole@primenet.com>
- 11) [53002] CQ Carl Luetzelschwab question Tennadyne T6
by "Armin Hachmer" <armin@muskoka.com>
- 12) [53003] RIT a god send
by patrick m kvitkauskas <pmk@juno.com>
- 13) [53004] Still looking to sell some stuff
by Bradford D Bilbrey <bigdawg74@juno.com>
- 14) [53005] Sierra revisited
by patrick m kvitkauskas <pmk@juno.com>
- 15) [53006] Re: Intruders & 10mtr beacons/Doc's ant farm
by wj5o@juno.com
- 16) [53007] N5IB on 7.111.5
by patrick m kvitkauskas <pmk@juno.com>
- 17) [53008] ONE Dead PRE Fox
by hamjoel@juno.com
- 18) [53009] Re: QRP 24 hour clock
by Rick Sealey <rsealey@InfoAve.Net>
- 19) [53010] RE: 10Meter beacons & intruders

- by Rick Sealey <rsealey@InfoAve.Net>
- 20) [53011] Re: Words per minute
by Robert McConnell <rmcconne@lightlink.com>
- 21) [53012] Sierra 6-band for sale
by "Keith Schlottman, CPA" <kr7rk@earthlink.net>
- 22) [53013] RE: 10Meter beacons & intruders
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 23) [53014] Items FS
by Kevin Walker <kb9nun@ameritech.net>
- 24) [53015] Lil' foxii make momma proud!
by "Paul R. Valko" <prvalko@oakland.edu>
- 25) [53016] FOXHUNT - pre fox bash results
by n5ib@juno.com
- 26) [53017] TT2 kit order update
by "George Heron" <n2apb@erols.com>
- 27) [53018] FOX: DeathStar damaged but escapes
by "Tom Whiteside" <n5tw@igg-tx.net>
- 28) [53019] QRP + non qrp items FS
by RangerSF5@aol.com
- 29) [53020] Items FS-Update
by Kevin Walker <kb9nun@ameritech.net>
- 30) [53021] WOW!--tons of callers tonight :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 31) [53022] FOXHUNT: Hunting @ AJ4Y
by Paul Womble <pwomble1@tampabay.rr.com>
- 32) [53023] FOX Fun
by K10J <k1oj@ditdit.com>
- 33) [53024] Re: Words Per Minute
by "Morrow, Michael A." <mamorrow@tva.gov>
- 34) [53025] Re: FOXHUNT - pre fox bash results
by "Rod Cerkoney" <rwc@frii.com>
- 35) [53026] QSL question
by The Boices <boice@bigfoot.com>
- 36) [53027] Re: Words Per Minute
by wa4dou@juno.com
- 37) [53028] RE: 10Meter beacons & intruders
by Rick Sealey <rsealey@InfoAve.Net>
- 38) [53029] test
by K10J <k1oj@ditdit.com>
- 39) [53030] Red Hot Radio Prize Draw @ Pacificon
by "Dave Fifield" <fifield@pacbell.net>
- 40) [53031] Re: QSL question
by wa4dou@juno.com
- 41) [53032] OHR-Explorer 20
by wa8rxi@juno.com
- 42) [53033] Re: Need a Favor
by Monte Stark <ku7y@dri.edu>
- 43) [53034] RE: New Rigs to be seen at Pacificon

by Monte Stark <ku7y@dri.edu>
44) [53035] Re: Foxii Antennas
by Monte Stark <ku7y@dri.edu>
45) [53036] Brand new commercial QRP field radio!
by Jim <w7ls@blarg.net>
46) [53037] Re: QSL question
by N7YA@aol.com
47) [53038] FOX FUR FRENZY
by Earl Murphy <earlmurf@telusplanet.net>
48) [53039] Buzz Saw Information
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
49) [53040] Foxhunt: Buzzsaw got KK5LD
by "Paul Helbert, Wv3j" <phelbert@rica.net>
50) [53041] CYA Adhesives (long)
by Jeff Logullo <logullo@mindspring.com>
51) [53042] Re: Twinax available ?
by RABRUNER@aol.com
52) [53043] Words per minute
by "Dick Schneider" <dschneider2@uswest.net>
53) [53044] PreFox results
by Monte Stark <ku7y@dri.edu>
54) [53045] Jeff Grudin, AC6KW
by Bob Patten <n4bp@bc.seflin.org>
55) [53046] Re: Morse software doesn't have to be big
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
56) [53047] Ten Tec Argosy for sale
by w6ra <t-ranch@humboldt1.com>
57) [53048] Brand new commercial QRP field radio - monobander for \$379 ????
by HWRM1SS@aol.com
58) [53049] Kantronics QRP
by hgruen@pacifier.com (Huston Gruen)
59) [53050] FOXHUNT: VARMINTS!
by "Rod Cerkoney" <rlc@frie.com>
60) [53051] Re: QSL question
by Russ Dow <n7dw@garlic.com>
61) [53052] Twinax - thanks for all the replies
by WB9MII@aol.com
62) [53053] FOXHUNT de K7Q0
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
63) [53054] Re: [Elecraft] Jeff Grudin, AC6KW
by "Radman" <radman@best.com>
64) [53055] Mail Box full
by RangerSF5@aol.com
65) [53056] Re: Cyanoacrylates (Super Glue)
by "Leon Heller" <leon_heller@hotmail.com>
66) [53057] Re: [Elecraft] Jeff Grudin, AC6KW
by Bob Patten <n4bp@bc.seflin.org>
67) [53058] Test - don't read

- by Tim <drboom@bright.net>
- 68) [53059] Re: Brand new commercial QRP field radio - monobander for \$379 ????
- by "Dave Fifield" <fifield@pacbell.net>
- 69) [53060] CB Amplifiers [Was Re: 10 meter beacons...]
- by w4pj@w4bkx.ampr.org
- 70) [53061] LDG's New "Low Current" QRP Autotuner
- by DLShips@aol.com
- 71) [53062] Part 97.315 FCC rules [Was Re: CB amps.....]
- by w4pj@w4bkx.ampr.org
- 72) [53063] Pre FOXHUNT
- by "Steve Sorrell" <ap036@detroit.freenet.org>
- 73) [53064] QRMming 10 meter intruders
- by w4pj@w4bkx.ampr.org
- 74) [53065] Re: Buzz Saw Information
- by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 75) [53066] Re: Buzz Saw Information
- by "William R. Colbert" <af852@rgfn.epcc.edu>
- 76) [53067] Re: FOX NQ9RP
- by "William R. Colbert" <af852@rgfn.epcc.edu>
- 77) [53068] Re: Buzz Saw Information
- by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 78) [53069] Re: Lil' foxii make momma proud!
- by Bruce Rattray <rattray@gpfn.sk.ca>
- 79) [53070] Re: OT: Looking for a used oscilloscope
- by "Brad Hernlem" <alihernlem@hotmail.com>
- 80) [53071] Teflon Wire Source
- by Guy Dragoo <GDRAG@proedge.com>
- 81) [53072] FS: Ten-Tec SP-325 HF Receiver
- by n4elm@texoma.net
- 82) [53073] Site update and book release
- by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 83) [53074] Rig Wanted
- by Joiner Randy Civ WRALC/LYSBB <Randy.Joiner@robins.af.mil>
- 84) [53075] QSL question Part II
- by The Boices <boice@bigfoot.com>
- 85) [53076] Re: LDG's New "Low Current" QRP Autotuner
- by wd4et@juno.com
- 86) [53077] AW: DL QRP PA
- by DL2FI@t-online.de (Peter Zenker)
- 87) [53078] Re: Buzz Saw Information
- by "Steven Weber" <kd1jv@moose.ncia.net>
- 88) [53079] FOX: pre-FOX QSO bash
- by Allan G Taylor <k7gt@arrl.net>
- 89) [53080] FOX:40 mtr fox hunt Teams
- by Bruce Rattray <rattray@gpfn.sk.ca>
- 90) [53081] Re: Brand new commercial QRP field radio!
- by Monte Stark <ku7y@dri.edu>
- 91) [53082] Stripping magnet wire insulation

- by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 92) [53083] RE: Cyanoacrylates (Super Glue)
by "Ed Tanton" <n4xy@att.net>
- 93) [53084] power
by Anthony Felino <anthony@pacinfosb.com>
- 94) [53085] Power Connectors
by Rod Cercone <rlw@fiii.com>
- 95) [53086] FOX:40 mtr fox hunt Teams
by Bruce Rattray <rattray@gpfn.sk.ca>
- 96) [53087] Re: LDG's New "Low Current" QRP Autotuner
by DLShips@aol.com
- 97) [53088] OT: buzz saw - film at 11?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 98) [53089] Jim Kortge, K8IQY, Pacificon Speaker #5 in a series
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 99) [53090] Re: Stripping magnet wire insulation
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 100) [53091] Re: Power Connectors
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 101) [53092] FOX: Pre-Fox Bash Results from W8RU
by Ron Majewski <majewski@erim-int.com>
- 102) [53093] Audio Vibrations, K2.
by Ed Loranger <we6w@qsl.net>
- 103) [53094] On the road again--Fox Hunt
by "Richard Arland" <r_arland@hotmail.com>
- 104) [53095] ARRL Tech Info Service diskette
by charles k brown <n4so@juno.com>
- 105) [53096] Re: MRX40 troubles (chip voltages)
by "David D. Meacham" <ddm@datatamers.com>
- 106) [53097] Rides for Speakers found.
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 107) [53098] FOX: Par-ty!
by Ed Loranger <we6w@qsl.net>
- 108) [53099] Re: Power Connectors
by Paul Erickson <paule@sfu.ca>
- 109) [53100] Re: QSL question Part II
by wa8rxi@juno.com
- 110) [53101] Re: QSL question Part II
by Allan G Taylor <k7gt@arrl.net>
- 111) [53102] Re: Power Connectors
by "George T. Baker" <w5yr@swbell.net>
- 112) [53103] Webfoot QRP'er returns to Pacific North "wet"
by Michael Fletcher <kl7ixi@usa.net>
- 113) [53104] Re: QSL question Part II
by Monte Stark <ku7y@dri.edu>
- 114) [53105] Re: Brand new commercial QRP field radio - monobander for
\$379 ????
- by "Ed Manuel (N5EM)" <n5em@flash.net>

115) [53106] OSCILLATORS (10 MHz OCXO, Lab quality)==> 1 More!
by Ed Loranger <we6w@qsl.net>
116) [53107] Re: Manhattan style Glue
by "Randy Jouett" <rules@bellsouth.net>
117) [53108] Re: Cyanoacrylates (Super Glue)
by "Randy Jouett" <rules@bellsouth.net>
118) [53109] Re: power
by "Dan W. Dooley" <dandooley@pipeline.com>
119) [53110] Re: Part 97.315 FCC rules [Was Re: CB amps.....]
by "Randy Jouett" <rules@bellsouth.net>
120) [53111] Re: CB Amplifiers [Was Re: 10 meter beacons...]
by "Randy Jouett" <rules@bellsouth.net>
121) [53112] ED your mail keeps bouncing
by Paul Erickson <paule@sfu.ca>
122) [53113] Re: CB Amplifiers [Was Re: 10 meter beacons...]
by "Mike Yetsko" <myetsko@insydesw.com>
123) [53114] K0EVZ Pre-FOX Results
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
124) [53115] Re: Cyanoacrylates (Super Glue)
by Monte Stark <ku7y@dri.edu>
125) [53116] RF emission for non-hams [OT]?
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
126) [53117] RI FOX Activity
by K1JD@aol.com
127) [53118] Fw: RF emission for non-hams [OT]?
by "colin" <gw3wsu@gw8nnc.screaming.net>
128) [53119] SEEKING K7MPH
by Ed Loranger <we6w@qsl.net>
129) [53120] Re: RF emission for non-hams [OT]?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
130) [53121] Re: Illegal Rig??
by Larry East <w1hue@amsat.org>

Date: Tue, 12 Oct 1999 19:01:59 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [52992] PA QSO Party Program Crash
Message-ID: <008e01bf1505\$cbe58660\$12e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Instead of e-mailing everyone about my problem with

the PA QSO Party Program that crashed I will do it this way one time.

The program I was using was created by KA3JWE. It was the PA QSO Program for Windows 95/98 3.0.9. I like the program very much and I really don't think it was in Don's program. I think it happened when I opened up other programs while I was running the contest. I sent Don all the things I did leading up to my problem. I did do a test program before the contest and I had no problem, I also did not open up anything else while doing the test. I guess I just got a little board while calling CQ and not receiving any replies.

So if I had to do it again I would use the program again but not open up any other programs while running the contest. Hey, maybe it was a Murphy Y2K thing!! So now I am in the process of getting my other 586 machine back on line which I will use just for contest. Boy the Xyl will think I am really out there with 3 computers running around my station!!

Basically I should have just stuck with hunting the contacts!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Tue, 12 Oct 1999 19:08:20 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [52993] Re: Morse software doesn't have to be big

Message-ID: <3803BF64.192797AE@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Ed Loranger wrote:

>
> That is so cute.
>
> I compiled it here on the Unix compiler using:
>
> cc -Aa dorssel.c and ran the A.out program.
>
> I read the code first to see what it did. It
> is neat. Prints the morse equivalent for what
> you type in.

Ed,

A co-worker who was admiring the homemade paddles I'm working on
(between fits of laughter) forwarded the file to me. I searched it out
on the Web because I didn't want to infringe on the author's work by
posting it uncredited.

Try typing in a series of "." and "-" to make a Morse message - it'll
translate back to text, too!

Dave

--
Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Tue, 12 Oct 1999 16:00:00 -0700
From: "Arthur G. Silvers" <ags@ieee.org>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [52994] Re: I smell a new name...
Message-ID: <3803BD70.E1EC4339@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey! How about

"Flaming Tuna Ball Tin Tuner Kahuna"?

Date: Tue, 12 Oct 1999 19:15:37 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [52995] Tonite's Fox Hunt
Message-ID: <19991012.191541.-693685.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hey Folks,

I must have missed something somewhere, what are the times for tonite's foxhunting ?

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES AR QRP #233
QRP-L #1728 NJ-QRP #197
My Web Page: <http://w2xn.homepage.com/>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 20:05:23 -0400
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>
To: "QRP-L Post" <qrp-l@Lehigh.EDU>, "Elecraft Reflector" <elecraft@qth.net>
Subject: [52996] Tinning Solution
Message-ID: <001801bf150e\$abd435c0\$1952d6d1@jhenshaw.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Thank you all for the suggestions. The consensus is to use TINNIT. It is available from many sources on the Internet. It is a powered that you mix with water to tin a PC board.

I ordered a couple of bags of the stuff for about \$4.00 each.

Thanks again for all the email.... even had a great method of Silver plating a PC board.

You all are a great source of information and help.

All the best and keep the solder fumes aloft,

Jerry
KR5L

Date: Tue, 12 Oct 1999 17:08:16 -0700 (PDT)
From: David J Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [52997] Big Suprise
Message-ID: <199910130008.RAA27460@u1.netgate.net>

Well, my wife just called to let me know that I received a certificate in the mail from the ARRL. Apparantly, I scored #1 for the 1998 10M contest QRP, Phone Only (Tax and license extra, dealer price may vary, only one available at this price), Santa Clara Valley Division. While I realize that there are enough limiters here to make this somewhat synonomous with best 1-eyed, 3 legged bear in Portland, I am none-the-less extremely pleased with this! Especially as my 14 hour school/work days have kept my operating and building time extremely limited. Cool!

73 de dave, N9UXU

Oddly, I remember complaining to my wife about my missing score when they were listed in QST...I guess I'd better go have a closer look....

Date: Tue, 12 Oct 1999 19:15:47 -0500 (CDT)
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [52998] Wheeee Hawwwwww #100 - FY/DJ6SI -alert
Message-ID: <Pine.SOL.4.03.9910121907380.1944-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang -- it was FY/DJ6SI to get me #100 on 30m!!

He's on 10102.1 right now -- 0009Z -- and no pile-up yet -- easy for the pickins!

Get on to him!

So, it turned out to be a Carrib instead of something exotic.

Oooops -- seems like he might have QSY'd to another band, but I'm sure he'll be back later -- so monitor 10102.1 on and off.

The XYL asked "so what now, you start over again?"

"No, you go for 200!"

I'd just put another 10 24-ft radials under the halfwave -- all to the south. I could hardly even hear him on the cntrfed fullwave up 40-ft! He was 56/79 on the vert.

More thoughts on the radials vs. the ccd vertical later. After thinking about it, the ccd eliminates the usual halfwave current distribution which maxes at the center of the vertical (half way up). That aspect of the normal halfwave vertical requires long radials -- 0.36 wavelength to 0.6 wavelength to provide most efficient return path for the current max region. But, with this ccd, a larger number of shorter radials -- say 1/4 wavelength -- create a more efficient return path for the bottom half of the antenna, where half of the current is distributed evenly. Will have to try to figure out whether the longer radials will help significantly.

Perhaps someone out there with more theoretical expertise than I have can figure the current distribution on the ccd vs radial length and number? It'll take me two weeks at least! If then...

72 and boy, THE JOY OF QRP says it all!!!

Ade DXCC 30-Meters

Date: Tue, 12 Oct 1999 19:26:56 -0500 (CDT)

From: Adrian Weiss <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [52999] FY/DJ6SI Still on 10102.1 0027Z and begging!
Message-ID: <Pine.SOL.4.03.9910121926200.1944-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

He's still there!

Date: Tue, 12 Oct 1999 17:42:14 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Cc: vole@primenet.com
Subject: [53000] ARCI Fall QSO Party / Pacificon
Message-ID: <199910130042.RAA08927@usr09.primenet.com>

Howdy Folks,

My final stunt double is nearly in place, but not in time for the Fall QSO Party. Once again I creep out of my cave for a dose of UV, and to spread the word. :-) Full announcement follows after the .sig below, and also at <www.qrparci.org>.

Pacificon this weekend! I'll be there, sitting in the back of the room, finishing the epic battle that has become the '99 QRPTTF logs. Figured that's the only way I can show my face in public. :)

The ARCI Fall QSO Party is October 23-24. We moved the Fall QSO Party away from Pacificon due to popular demand, so *please* show us the demand was truly there and flood the airwaves with blasting QRP sigs. :-)

Hope to see you all at Pacificon! And hope to swap some RF with ya in the Fall Party! I'll be doing paperwork during both, just so folks don't think I'm slumming in my spare time.

Take care, be well, eat yer veggies, floss regularly. :)

Cheers de AB7TT,

-Joe, vole@primenet.com

ARCI Contest Critter-At-Large (for just a little longer...)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

===== 1999 QRP ARCI Fall QSO Party =====

Date/Time: Oct. 23 1200Z to Oct. 24 2400Z. CW only, 6M thru 160M.
Operate a maximum of 24 hours of the 36-hour period.

Exchange: RST, SPC (State/Province/Country), and ARCI number.
Non-members send power out.

Categories: All-Band, Single Band, High Bands, Low Bands,
DX, Multi-Op, Portable.

Suggested Frequencies: Near QRP calling freqs.

QSO Points: Member = 5pts,
Non-Member Diff. Continent = 4 pts,
Non-Member Same Continent = 2 pts.

Multipliers:

- SPC Totals (for each band, count each SPC once per band).
- Power: <250mW = X15, 250mW-<1W = X10, 1W-5W = X7, >5W = X1.

Score: QSO pts total X SPC total (all bands) X Power Multi.

Team Competition:

Teams may be formed of between 2-5 members, and will compete as a separate category in addition to individual entries of team members. The team captain must submit a team roster to the contest manager prior to the event. Team score will be the sum of individual scores of the team members.

Log Submission:

Entries are due within 30 days after the contest. Include a summary of your results, callsign(s) of op(s), ARCI member number (if applicable), station location and description, power used on each band, and total time spent on the air.

Entries exceeding 100 QSOs include a dupe sheet. The highest output power used will determine the power multiplier. Output power is considered half input power.

Entries via email are welcome in ASCII-text format to
<vole@primenet.com>. PLEASE NOTE THAT "ASCII format" DOES NOT
MEAN Excel spreadsheets, MS Publisher, etc.

Mail paper logs to Joe Gervais AB7TT, ATTN: Fall QSO Party,
PO Box 322, Peoria, AZ 85380-0322.

All decisions of the Contest Critter are final, though if
you have extra pizza IUm always listening. ;-)

Date: Tue, 12 Oct 1999 17:49:08 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@lehigh.edu
Cc: mrmrpaine@halcyon.com
Subject: [53001] NA for Fall QSO Party?
Message-ID: <199910130049.RAA09246@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Howdy again Folks,

Can any of you help Bob W7RX find a working
Fall QSO Party template for NA? I'm ignorant
about many things in life, but here my ignorance
is truly profound. :) Thanks!

Bob, are you on the QRP-L mailing list?

Forwarded message:

> From: "MaryRPaine: RobertMPaine" <mrmrpaine@halcyon.com>
> To: "Joe Gervais" <Vole@primenet.com>
> Subject: QRP ARCI Fall QSO Party
> Date: Tue, 12 Oct 1999 16:47:50 -0700
>
> Do you know if anyone has worked out a template for the NA logging
> software? The existing one does not fit the current parameters and I
> don't seem to be able to modify it to fit.
> Many thanks-73
> Bob W7RX

Cheers de AB7TT,

-Joe, vole@primenet.com, Random Carbon-Based Sentient Being

"I saw a werewolf drinking a pina colada at Trader Vic's,
and his hair was perfect."

Date: Tue, 12 Oct 1999 18:47:08 -0400
From: "Armin Hachmer" <armin@muskoka.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [53002] CQ Carl Luetzelschwab question Tennadyne T6
Message-ID: <003001bf1514\$99feb900\$eeafd4c7@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Carl, I am looking for your impression of the T6 from Tennadyne.
My 5 watts need a good beam. Your comments would be appreciated.

Armin Hachmer VE3TEQ
'Life is a contactsport'
armin@muskoka.com

Date: Wed, 13 Oct 1999 01:02:47 -0400
From: patrick m kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.EDU
Subject: [53003] RIT a god send
Message-ID: <19991013.010247.10318.3.pmk@juno.com>

The first time I used a RIT it was the greatest thing since
sliced bread. I started with a old Swan and followed
everyone up and down the band (They probably followed
me).

I have noticed through the years though that the average
ham does not use or know how to use it. Once I establish
a QSO I never touch the VFO and just use the RIT. For those
who don't know what the RIT (Receive incremental tuning)
is for it is just that. You can change the Receive frequency
without ever moving the transmit frequency. Most new hams
go directly to 2 meters and once they come down stairs
it is a new ball game to them.

Well it just about time to sniff around for the Fox.

72 de Patrick KD4OBQ

AR

pmk@juno.com
<http://www.qsl.net/kd4obq/>
<http://homestead.juno.com/pmk/FILES/INDEX.HTML>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 18:04:53 -0700
From: Bradford D Bilbrey <bigdawg74@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [53004] Still looking to sell some stuff
Message-ID: <19991012.180455.-457107.2.bigdawg74@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello All:

Iam still looking to sell some stuff, so here is the list.

1. Sony ICF-2002 portable shortwave receiver 150khz to 30Mhz (AM/ SSB).
Excellent condition \$85.00
2. Ham Toolkit CD Rom \$10.00
3. Home brew T type qrp antenna tuner (parts worth more) \$15.00
4. Radio Shack PRO-2025 scanner \$20.00
5. Hand mic for FT-208 Handi talky \$15.00
6. Leather Case for FT-208 Handi talky \$10.00
7. Grab bag of approx. 30 crystals \$5.00
8. Van Gordon 1:1 Balun \$5.00

Let me know if interested.

Brad KE7MU

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 13 Oct 1999 00:50:03 -0400
From: patrick m kvitkauskas <pmk@juno.com>
To: qrp-1@lehigh.EDU
Subject: [53005] Sierra revisited
Message-ID: <19991013.010247.10318.2.pmk@juno.com>

Just pulled out the Sierra and blew off the dust to get ready for the pre Fox hunt tonight and forgot how nice it was. Thought I would get it warmed up before the show and heard Porto Rico calling. It is like a nasty old good fitting hat. I have spent so much time with it in the few years I have owned it. After tweaking everything the first year it is so cool to sit down and grab the key and let er rip. From the audio to the side tone it is so comfortable to operate. It is like my RC gliders after spending so much time trimming it out it now doesn't matter how often I go out it fly"s the same every time. Even though they are highly advanced sailplanes they seem so easy to fly.

I have been doing a lot of RC sailplane flying and sailing this summer and haven't had to much time for radio. Pulled out the NC/20 the other night and started making a few Q's and trying to get back into the groove. Looks like I will be building a few sailplanes this winter and have one going on the bench at the moment.

72 and glad to be back
Patrick KD4OBQ

AR
pmk@juno.com
<http://www.qsl.net/kd4obq/>
<http://homestead.juno.com/pmk/FILES/INDEX.HTML>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 18:28:40 cdt

From: wj5o@juno.com
To: hamjoel@juno.com
Cc: QRP-L@LEHIGH.EDU
Subject: [53006] Re: Intruders & 10mtr beacons/Doc's ant farm
Message-ID: <19991012.200308.-729819.3.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Joel,
I agree 100% in the comment Hams should Ham and Police should police.

I would however like to comment regards to ten meter beacons -- The 150 plus ten meter beacons with one or two exceptions are crowded into the band between 28.175MHz and 28.299MHz. Now even a Texas lad like Me can perform the arithmetic to see that 150 beacons in 124KHz is pretty crowded. There are many times that beacons "heard" overlap each others signal.

Plus, the majority of the beacons are strictly QRP with many running less than 1 W. The intruder signals often are and sound like 100 plus Watts. "Doctored" CBs often maintain the 10KHz channel spacing into the CW portion of the 10 meter band causing havoc every 10 KHz - then there is the "slider" boys who like to go between channels with modified RITs.

Yes, the beacons take up spectrum within the CW allocation. Although I quite often hear CW QSOs within this area, there is plenty of unused space below 28.175MHz for CW & Digital QSOs.
Thank you for the interest in 10 meter operation. I am just appalled by trespassers infringing on the privileges that I and many others have earned.

I don't know the answer but a good start would be to get the "renegade" 10 meter rigs off the market. I can remember some time ago showing my license before a dealer would sell me a rig.

73 Bill WJ50

On Tue, 12 Oct 1999 18:30:58 -0400 hamjoel@juno.com writes:
> My cajun mama saw some posts on this subject and kinda smiled...I
> asked her wehat she was smiling about and she said:
> From the posts she has read here on the list she figures
> there must be 40 to 100 or more beacons on ten meters... and people
> are upset over about six or seven interlopers makeing use of some rf
> spectrum.... what about the other 40 to 100 freqs that can't be used
> because of the beacons?... don't seemed balanced...
> It's an enforcement problem, not a ham problem... she said.
> Hams ham and police enforce...

> Now iffin the hams could convince these peoples to to qrp
> and then get their ham tickets they could go qrt on one hand and
> legit qrp on the other... and still use the same frequencies, but on
> cw... she said as she walked away...
> As my guinie pigs say, "oink"... LETTUCE ... encourage
> enforcement and go about haming. hams are too close to the situation
> to be in objective enforcement... zeal gets in the way...
> Which reminds me.... BRUCE... why not try a coupla of bob
> tail curtains on ur soon to be antenna farm... bi directional, 7db
> over a dipole , low angle radiation, supposed to be great dx ant at
> 7 and 3 mhz... that's what I would try iffin I had the room...
> On twenty meters I would try a sterba curtain... bi
> directional.. can be heated to get ice off the wire, about 8db
> gain... horizontal polarized... heck phase a couple of em... that
> oughta get the gain up!!!!
> My cajun mama wants to send some e-mail so gotta go...
>
> Joel KE1LA
> In Maine
>
>

> Get the Internet just the way you want it. Free software, free
> e-mail, and free Internet access for a month! Try Juno Web:
> <http://dl.www.juno.com/dynoget/tagj>.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 13 Oct 1999 01:12:18 -0400
From: patrick m kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.EDU
Subject: [53007] N5IB on 7.111.5
Message-ID: <19991013.011219.10318.4.pmk@juno.com>

Good luck

72 de Patrick KD4OBQ

AR
pmk@juno.com
<http://www.qsl.net/kd4obq/>
<http://homestead.juno.com/pmk/FILES/INDEX.HTML>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 21:15:55 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [53008] ONE Dead PRE Fox
Message-ID: <19991012.211557.-225993.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

How's y'all again

Whatever a Pre Season Fox is.... I done killed it....
I 559ed the little critter... had his tail straight up in the air.. just
like a vertical ant or sumthin... Thumped the poor little critter up side
the left ear with my new double barrel dipoles (2 el yagi) pointed his
way...

as it is said heah... Come to Maine and Feel the Pain... The way life
should be...

Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 21:14:01 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: ka7you@juno.com
Cc: qrp-1@lehigh.edu
Subject: [53009] Re: QRP 24 hour clock
Message-ID: <4.1.19991012205056.019079e0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 11:56 PM 10/11/1999 -0400, you wrote:

>Well, I just returned from the local Radio Shack emporium after deciding

>----- SNIP -----

> The #63-959 is a \$17 travel alarm clock, which runs on one AAA cell,
>has a LCD display with a blue backlight which shuts off a few seconds
>after activating with a push of the alarm bar. It displays time in 12 or

>24 hour format with 1" high characters, and the date and temp in F or C
>----- SNIP -----
> 7 3,
>Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
>----- SNIP -----

Hi Rod,

I bought one of these three or four months ago, just after it went off sale (of course, \$12 or \$13 bucks, I think.) But I don't care, as it's well worth the normal price. This thing is great for the ham shack but also perfect for travel/field use. With UTC time and date, as well as temperature display, it's got FYBO, BUBBA and a few other outdoor events written all over it (figuratively, of course.) I understand it's available in other brands (Casio, maybe?) at slightly lower prices.

I guess we sound like an RS commercial, but this one's a keeper.

Disclaimer - No connection with RS, except that we have the same initials; and I worked for them many, many, MANY years ago as a tech, in a former life.

Rick - W4SEA
High Point, NC

Date: Tue, 12 Oct 1999 21:59:50 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: wb5rue@stic.net
Cc: qrp-l@lehigh.edu
Subject: [53010] RE: 10Meter beacons & intruders
Message-ID: <4.1.19991012214144.0190a100@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 11:28 AM 10/12/1999 -0500, you wrote:

>Yes this is extremely frustrating but be careful not to "interfere" with
>them or otherwise try to run them off the band.

>

>I'm sure you know it is illegal to talk to them.

>It is also illegal to "interfere" with them in any way. :-/

>97.101(d) Doesn't differentiate between legal and illegal stations so be
>careful, you could get yourself in trouble.

>

>Kevin, WB5RUE

Well, maybe - maybe not.

This thread's been danced on before.

I would think there is no differentiation because common sense doesn't require it. Why would the regulations specifically state to not interfere with an illegal signal?

As far as I am concerned an illegal signal/intruder doesn't exist, and if I want to call CQ on that frequency I will. Somehow, I can't see the FCC citing a legal, licensed operator for interfering with an outbander.

I can't agree with you on this one, Kevin.

Rick - W4SEA
High Point, NC

Date: Tue, 12 Oct 1999 22:02:44
From: Robert McConnell <rmcconne@lightlink.com>
To: rwc@frii.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53011] Re: Words per minute
Message-ID: <3.0.6.16.19991012220244.30077e80@pop.lightlink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The bandwidth for voice is much wider than CW, so the baud rate is also much higher. The brain is well trained to demultiplex those voice signals, having been doing it since before birth, but it has to be carefully trained to handle the narrow band signals. Part of that training is learning to concentrate on that narrow band, low speed signal without drifting off to other signals that may get through the filters or be recalled internally by the associative memory system we have.

Practice is the only known method to overcome these problems, I just haven't found anything that would motivate me to take that amount of time away from my family to do the training for such an obsolete mode.

Bob McConnell
N2SPP

At 01:51 PM 10/12/99 -0600, Rod Cerkoney wrote:
>On Tue, Oct 12, 1999 at 01:21:36PM -0600, Brad Mugleston wrote:
>> Practice, that is the big one.
>>

>> I really wasn't looking for the reason why I couldn't go faster but why
the
>> BEST of the BEST only hit around 1/5th of what we can hear for words.
>>
>
>AH now that is a different question. Thinking about the intercharacter/word
>spacing, my bet is that past a certain speed you can't distinguish on
>off patterns of letters or words. And that is probably do to the physics
>of how the ear works. A much better detector of frequency/amplitude
>modulated signals, than a pulse code modulation detector.
>
>--
>72/3 Rod, NØRC

Date: Tue, 12 Oct 1999 19:12:21 -0700
From: "Keith Schlottman, CPA" <kr7rk@earthlink.net>
To: <QRP-L@Lehigh.edu>
Subject: [53012] Sierra 6-band for sale
Message-ID: <005a01bf1520\$63671520\$15421d26@mmsi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi QRP'ers,

I have an unbuilt Sierra multi-bander for sale. I bought this kit a while
back with good intentions, but now I realize that I'll probably never get
around to heating up the soldering iron.

I have 6 band modules - 3.5, 7, 10, 14, 18, and 21 MHz. The kit is
completely new, with detailed construction manual - I have not done any
building on it. As I recall, I paid \$369 for the whole kit, and maybe a few
\$ shipping.

For detailed information on the kit, see
<http://www.fix.net/~jparker/wilderness/sierra.htm>

I'd like \$320 for it, I'll pay shipping. Please respond direct if you're
interested.

Keith Schlottman, CPA, KR7RK

Treasurer, Ten-Ten International Net
e-mail: kr7rk@earthlink.net
web site: <<http://home.earthlink.net/~kr7rk>>
my current aprs location: <<http://www.aprs.net:8000/kr7rk-14>>

Date: Tue, 12 Oct 1999 21:11:28 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <rsealey@InfoAve.Net>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [53013] RE: 10Meter beacons & intruders
Message-ID: <000001bf1520\$4a63bb50\$cd3ec6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The FCC is very serious, or at least use to be, about the image of Amateur Radio. I remember when I first got my ticket back in 1975 it was right during the first boom of CB. The CB license count went from just around 250k to over 2 million in two years. There was a BIG problem with encroachment into the 10-meter ham band at that time too. A couple of hams in the town of New Braunfels, TX (where I lived at the time) lost their licenses because they were trying to run some local CBers off the band. The FCC was in the area during one of their "crackdowns" when they had the money to do such things. Not only did they nail the CBers for operating in the 10-meter band but they nailed the two hams for malicious interference. Although I think it was more for interfering with the FCC operations but they called it malicious interference anyway. It's all up to the interpretation of 97.101 and there is no distinction between legal signals and illegal ones. While I do agree with in principle, those illegal stations don't deserve the protection from interference of any kind it's all in the FCC interpretation of the rules. I am a certified OO (official observer, there's an open-book test, etc.) and the section that we have to learn on interference does say something about interference to ANY signal with emphasis on any signal so I assume that the FCC, or at least the ARRL, is still quite serious about maintaining the image of Amateur Radio.

I agree that it is extremely frustrating!

73/
Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Rick Sealey
> Sent: Tuesday, October 12, 1999 9:00 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: 10Meter beacons & intruders
>
>
> At 11:28 AM 10/12/1999 -0500, you wrote:
> >Yes this is extremely frustrating but be careful not to
> "interfere" with
> >them or otherwise try to run them off the band.
> >
> >I'm sure you know it is illegal to talk to them.
> >It is also illegal to "interfere" with them in any way. :-/
> >97.101(d) Doesn't differentiate between legal and illegal
> stations so be
> >careful, you could get yourself in trouble.
> >
> >Kevin, WB5RUE
> -----
>
> Well, maybe - maybe not.
>
> This thread's been danced on before.
>
> I would think there is no differentiation because common sense doesn't
> require it. Why would the regulations specifically state to
> not interfere
> with an illegal signal?
>
> As far as I am concerned an illegal signal/intruder doesn't
> exist, and if I
> want to call CQ on that frequency I will. Somehow, I can't see the FCC
> citing a legal, licensed operator for interfering with an outbander.
>
> I can't agree with you on this one, Kevin.
>
> Rick - W4SEA
> High Point, NC
>
>

Date: Tue, 12 Oct 1999 21:48:03 -0500
From: Kevin Walker <kb9nun@ameritech.net>

To: QRP-L <qrp-l@lehigh.edu>
Subject: [53014] Items FS
Message-ID: <3803F2E3.4C26DB40@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the follwoing items for sale. All prices include shipping CONUS.

Maxon MCB-30 (KD1JV 11-2-10 Conversion Project) \$65

Norcal Paddles (wide spacing) \$35

KnightSmite Kit (never found the time to start on it!) \$13

Radio Shack DSP (#21-543) works, no documentation or power cord \$15

73,

Kevin/KB9NUN

Date: Tue, 12 Oct 1999 22:58:23 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [53015] Lil' foxii make momma proud!
Message-ID: <Pine.OSF.3.95.991012224547.8468B-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow! If you missed (or are missing - as I write this it's still going strong) the fun on 40M during the pre-foxhunt QSO party, you'll want to smack yourself.

I worked 8 of the bushy tailed folks - that's as many as I worked ALL LAST SEASON, in just over one hour!

Started with the Godfather of the QRP-L Foxhunt K7Q0 (ex K5F0) and K6GT on 20M. Very fitting I worked Chuck as the first fox of the night :-)

Then I popped onto 40M and you would not believe the racket all those 5w stations caused! I picked up K0EVZ who was holding court near 7.040, K1JD, WV3J, N5TW, KU7Y (Don't call him Monte :-)) , and AF5Z.

Sure was nice to be greeted with the "Hi Mom!" from several foxii! It

warms my heart. The "Mom" is an inside joke between me and the folks lucky enough to get picked for the foxhunt, in case you were worried :-)

I also heard N5IB and W0MC, but they could pull ol' KC out.

A great job!!! Thanks to EVERYONE for making the Foxhunt work!!!
Geez... I think I just talked myself into going back to the shack.

Foxhunt website is available through my homepage.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 12 Oct 1999 23:07:07 EDT
From: n5ib@juno.com
To: qrp-L@Lehigh.edu
Subject: [53016] FOXHUNT - pre fox bash results
Message-ID: <19991012.215539.4687.0.N5IB@juno.com>

It was fun, had some interruptions on the home front and had to quit early but here's the list - all 40 m - spent about 30 minutes in the N/T+ segment but Chuck AF4PP was the only Q there, and that was after my first CQ. Zero luck afterwards. Then moved to 7043 or so and got in about 40 minutes more before interruptions

AF4PP	Chuck	GA (in N/T+ band)
K5ZTY	Bill	IN
WA8RXI	Rick	MI
K5NZ	Mike	TX
AF4PS	Mac	FL
KK5LD	Dan	TX
AJ4Y	Paul	FL
NV4V	Pete	KY
KD5CMN	Mike	TX
N0RC	Ron	MO
NF0R	Dave	MO
WA7RNW	Jack	UT
N5JI	Rich	TX
W5TA	Dick	TX

de N5IB LA Jim nr 1913

thanks guys.... cu on March 8

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 23:16:29 -0500
From: "George Heron" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [53017] TT2 kit order update
Message-ID: <046101bf1531\$bc824ce0\$2c98accf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Caught up now on Tuna Tin 2 kit orders (now that the premiere issue of QRP Homebrewer is put to press! :-)

You can see if your order has been received in the mail, or only by email reservation thus far, through an automated email response delivery system. Just send an email to EMBOT@NJQRP.ORG and put SEND TT2ORDERS in the body of the message. (Caps are important)

Will be bringing a bunch to Pacificon this weekend, so if those who ardered will be attending, you can pick your kit up there. (We know who's attending, and we know who ordered, so there should be no problem!).

Will also have a bunch extra for sale. See details for this NJQRP Club kit offering at <http://www.njqrp.org/tuna/>

72, George N2APB
"Pacificon Bound!"

Date: Tue, 12 Oct 1999 22:16:01 -0500
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: <qrp-l@Lehigh.EDU>
Subject: [53018] FOX: DeathStar damaged but escapes

Message-ID: <002501bf1529\$47fd7aa0\$9421f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Attention all rebel stations.....

Our Intelligence proved correct and the DeathStar Giganticus did indeed emit a "Fox" radar signature as it passed through the quadrant as predicted. Numerous of our "Hound" attack aircraft pounded Giganticus with 44 confirmed hits. Her armament was fearsome - a 2 element beam at 100 feet but proved lumbering with attacks from all sides. Still, she inflicted heavy damage with the beam pointed straight ahead most of the encounter. Giganticus will be forced to make repairs but is expected to return Nov 18... As our observers noted, the construction on the DeathStar is advancing rapidly with a second, independently steerable 2 ele beam expected on-line for the Nov 18 encounter... We will have to reconsider our attack strategy with the second beam....

ALLIANCE HQ OUT.....

Tom Whiteside
N5TW Georgetown, TX

Date: Tue, 12 Oct 1999 23:20:52 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [53019] QRP + non qrp items FS
Message-ID: <0.84a42133.25355494@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

1 RS 2 meter AMP.
Never used.....\$50.00
+ shipping
OHR Explorer II.....\$80.00 +
shipping.
SST 40-M.....\$75.00 +
Shipping
SW -40 +..covers 7.002.2 to 7.077.7.flip switch and it covers 7.073.1 to
7.154.2
Built into a Emtech case.....\$50.00 +

Shipping

Brand new, never used Silver Eagle MIC, with audio AMP. all chrome.

Switches on bottom say ETS on/off K BEEP/MULTI TONE ETS MODE. and third switch says ON/off 20db PAD.

A real beauty.

No wear marks, scratches, stretched cord etc.....\$60.00+ Shipping.

RS DSP unit in excellent condition.....\$30.00+ Shipping.

MXM 30-M.

Works well but needs some one who has the time to make a nice metal case for it.

\$25.00 Shipping.

40 Meter rock bound Xmitter.

This item was sold in the FAR catalog appx. 7 years ago.

Has 7.040 XTAL.

FREE to the first person who ask for it.

I'll go by the time of the E mail.

Thanks for the BW

Bob

WA2HOQrp <tm>

Date: Tue, 12 Oct 1999 22:24:48 -0500

From: Kevin Walker <kb9nun@ameritech.net>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [53020] Items FS-Update

Message-ID: <3803FB80.1382E982@ameritech.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

UPDATE....UPDATE

Maxon MCB-30 (KD1JV 11-2-10 Conversion Project) \$65

SOLD Norcal Paddles (wide spacing) \$35

KnightSmite Kit (never found the time to start on it!) \$13

SOLD Radio Shack DSP (#21-543) works, no documentation or power cord
\$15

73,

Kevin/KB9NUN

Date: Tue, 12 Oct 1999 23:27:11 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [53021] WOW!--tons of callers tonight :-)
Message-ID: <199910122329_MC2-88C0-62D7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Thanks to everyone who dropped by for the FOX party tonight. Wow. I have not gone through the log, but for the last hour or so it sounded like a constant buzz saw here with so many calling.

Sorry if I did not get to you. Had to QRT at 0300 for more treatment and meds. Still fighting Legionnaires Disease and losing the battle for now. BTW, did anyone else hear what clearly sounded like deliberate QRM for a while?

Rig was the Sierra with German PA at just under 5 watts to a hamfest special G5RV junior set up as an inverted vee up 10 metres.

Man oh man, what an evening. Sure looks like the real FOX hunts will really be something :-). Looking forward to it. My actual scheduled date is 11/25. Thanks again..

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
70511.3041@compuserve.com

Date: Tue, 12 Oct 1999 23:29:36 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53022] FOXHUNT: Hunting @ AJ4Y
Message-ID: <3803FCA0.5AFC827D@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bagged several of the bushy tailed ones tonight. Only one that got away was K0EVZ...but not to fear, MANY hounds were hot on his tail!!

20 meters:

K7QO

N0UR

AF5Z

K7GT

40 meters:

K1JD

K10J

N5IB

WV3J

KF2PH

Stuff:

K2 @ 5 watts.

Mosley Classic 33 tri-bander @ 70' and 40m sloping dipole @ 60'.

All you foxii had better get those wounds taken care of...less that two weeks until the hunt!!

73

Paul AJ4Y

--

AJ4Y info page:

<http://www.qsl.net/aj4y>

Polk County Chapter American Red Cross:

<http://www.redcross.org/fl/polkcounty>

Lakeland Amateur Radio Club:

<http://www.qsl.net/k4lk1>

Elecraft K2 Construction Page:

<http://home.tampabay.rr.com/aj4y>

Date: Tue, 12 Oct 1999 22:32:45 -0500

From: K10J <k10j@ditdit.com>

To: QRP-L Discussion <qrp-l@Lehigh.EDU>

Subject: [53023] FOX Fun

Message-ID: <00fd01bf152b\$9dc25940\$3cb83ed8@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Howdy all...

Well 40m was noisy. That should be no surprise! Had a great time. Lots of interruptions locally but managed about an hour total. I think I need some flea dip! But then again maybe I could just use a couple of these flea collars from the 20-30 hounds I bagged!!!

Hounds worked:

K1VP
AF4WS
KS4L
W0AV
K5NZ
W2XN
VE3JC
WS4S
WD4MSM
N4ROA
N4SO
AB0GO
N4XDW
K5VUU
WW7Y
AB7MY
K5EYE
WA8GHZ
KK5WL
KK5LD
K1QM
W5SB
W5FN
AJ4Y
N8VAR
WA8AXI ?

OJ---K10J
dit dit
..

Date: Tue, 12 Oct 1999 23:38:56 -0400
From: "Morrow, Michael A." <mamorrow@tva.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [53024] Re: Words Per Minute

Message-ID: <A4880B68BD08D011B8580000F8014A49021F9266@mshbfnois1b.cha.tva.gov>
MIME-Version: 1.0
Content-Type: text/plain

Bob McConnell, N2SPP, wrote regarding CW:

"Practice is the only known method to overcome these problems, I just haven't found anything that would motivate me to take that amount of time away from my family to do the training for such an obsolete mode."

I write:

Use of CW is both an aesthetic and a practical process. Calling it obsolete is analogous to calling good art obsolete because photographic and video technologies exist.

73

Mike / KK5F

(With apologies for comment on a dead horse issue.)

Date: Tue, 12 Oct 1999 21:29:39 -0600
From: "Rod Cercone" <rlc@frii.com>
To: <n5ib@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53025] Re: FOXHUNT - pre fox bash results
Message-ID: <00a301bf152d\$15aaf420\$dd8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim, et. all.

OOPS Minor correction...

----- Original Message -----

From: <n5ib@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 12, 1999 9:07 PM
Subject: FOXHUNT - pre fox bash results

...

> N0RC Ron M0
Rod C0

Close really close. ;-)

72/3 Rod, N0RC
da di dah

Date: Tue, 12 Oct 1999 23:49:04 -0400
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [53026] QSL question
Message-ID: <3.0.6.32.19991012234904.007abb40@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

How does this crowd QSL a DX station if I now have both a completely different address and different call sign (including different call district)? I realize the address isn't a problem, but do you just put your current call in normal big letters on the card and in smaller letters your old call? Or do you just send a card with your old call? Gotta get caught up on a few old ones. And, yes, they were all QRP, in this case from my Sierra.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw

Date: Tue, 12 Oct 1999 23:46:36 -0400
From: wa4dou@juno.com
To: mamorrow@tva.gov
Cc: qrp-1@Lehigh.EDU
Subject: [53027] Re: Words Per Minute
Message-ID: <19991012.234640.-939033.1.wa4dou@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Attaboy Mike,
Well said. TK0! 73 Roy WA4DOU

On Tue, 12 Oct 1999 23:38:56 -0400 "Morrow, Michael A."

<mamorrow@tva.gov> writes:

> Bob McConnell, N2SPP, wrote regarding CW:

>

> "Practice is the only known method to overcome these problems, I

> just

> haven't

> found anything that would motivate me to take that amount of time

> away from

> my family to do the training for such an obsolete mode."

>

>

> I write:

>

> Use of CW is both an aesthetic and a practical process. Calling it

> obsolete

> is analogous to calling good art obsolete because photographic and

> video

> technologies exist.

>

> 73

> Mike / KK5F

> (With apologies for comment on a dead horse issue.)

>

>

Date: Tue, 12 Oct 1999 23:47:29 -0400

From: Rick Sealey <rsealey@InfoAve.Net>

To: qrp-l@lehigh.edu

Subject: [53028] RE: 10Meter beacons & intruders

Message-ID: <4.1.19991012234528.019138a0@mail.infoave.net>

MIME-version: 1.0

Content-type: text/plain; charset="us-ascii"

At 09:11 PM 10/12/1999 -0500, you wrote:

----- SNIP -----

>stations don't deserve the protection from interference of any kind it's all

>in the FCC interpretation of the rules. I am a certified OO (official

>observer, there's an open-book test, etc.) and the section that we have to

>learn on interference does say something about interference to ANY signal
>with emphasis on any signal so I assume that the FCC, or at least the ARRL,
>is still quite serious about maintaining the image of Amateur Radio.
>
>I agree that it is extremely frustrating!
>
>73/
>Kevin, WB5RUE

Shootfire, Kevin, you're an official kind of guy. Let's go arrest those turkeys!

Although, in principal, what you are saying is correct, and I agree with you, but you have to admit that until Riley came along, there was no sign of the FCC caring anything about the image of Amateur Radio. The ARRL, yes. That goes without saying. I've been a respectful, law-abiding HAM since I got my Novice in 1961 and will continue to be. But the outbanders in 10M are the same to me as if I found someone hanging around my front yard, uninvited. If you're not otherwise sick or hurt - off you go.

But I promise I won't go stomping those outbanders off 10M with my 5 watts.

My hat's off to you regarding the 00 position as I am aware of the requirements. Tough job and badly needed. With Riley at the helm, it appears the FCC has finally taken advantage of the the 00 program and the hard work of the 00's.

72,
Rick - W4SEA
High Point, NC

Date: Tue, 12 Oct 1999 22:58:42 -0500
From: K10J <k10j@ditdit.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [53029] test
Message-ID: <012301bf152f\$3d8f2220\$3cb83ed8@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

test
OJ---K10J
dit dit

..

Date: Tue, 12 Oct 1999 21:02:47 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53030] Red Hot Radio Prize Draw @ Pacificon
Message-ID: <007601bf152f\$cfeb1700\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One lucky Pacificon QRP'er will be the winner of a new
Red Hot Radio NC-20 or RH-40 kit - will it be you?

Red Hot Radio will have a booth in the main exhibition
hall at Pacificon this coming weekend - booth T5 facing
the end of the center aisle - you won't be able to miss it!

Stop by our booth anytime Saturday to register for the
prize drawing. One entry per person only please.

The prize will be drawn at 8pm in the QRP Hospitality
Suite (in the Sheraton Hotel). Must be present to win!

The Red Hot 40 will make its debut at the Pacificon
show - we will have 40m and 20m kits for sale at the
show! Don't worry if you can't make it to Pacificon,
you'll be able to order yours online/by mail right away.

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

Date: Tue, 12 Oct 1999 23:58:47 -0400
From: wa4dou@juno.com
To: boice@bigfoot.com
Cc: qrp-1@Lehigh.EDU

Subject: [53031] Re: QSL question
Message-ID: <19991012.235850.-939033.2.wa4dou@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Mike,

I would use the old call, making no mention of the new one, since its
not germaine
,unless you write the new call in as a comment, just to let the op know.
73 Roy WA4DOU

On Tue, 12 Oct 1999 23:49:04 -0400 The Boices <boice@bigfoot.com> writes:
> How does this crowd QSL a DX station if I now have both a completely
> different address and different call sign (including different call
> district)? I realize the address isn't a problem, but do you just
> put your
> current call in normal big letters on the card and in smaller
> letters your
> old call? Or do you just send a card with your old call? Gotta get
> caught
> up on a few old ones. And, yes, they were all QRP, in this case
> from my
> Sierra.
>
>
>
>
> 72,
>
> Mike Boice, KW1ND
> New Gloucester, Maine FN43uw

Date: Wed, 13 Oct 1999 04:11:51 -0400
From: wa8rxi@juno.com
To: qrp-l@lehigh.edu
Subject: [53032] OHR-Explorer 20
Message-ID: <19991013.041216.-154811.1.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

QRPer's

I have an OHR-Explorer (14.000-14.100)
\$85.00 CONUS

Direct E-Mail to wa8rxl @ juno.com

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 12 Oct 1999 21:14:51 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>
Cc: qrp-l@lehigh.edu
Subject: [53033] Re: Need a Favor
Message-ID: <Pine.GS0.4.10.9910122111260.4276-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Doug and all,

With all you have going on it's a wonder that you remember anything! It's more than I can do!

Just got off the phone with Frank and he said that he will be there both Fri and Sat nights with a working rig.

I'll be interested in seeing it work.

It's really great to see another all band kit showing up.
To me it gives QRPers even more reason to be proud!

Looking forward to seeing you all,

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 12 Oct 1999 21:16:58 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>

To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [53034] RE: New Rigs to be seen at Pacificon
Message-ID: <Pine.GS0.4.10.9910122115330.4276-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Does anyone have a web site for this rig?
>

Several have asked about a web site. But there is
none at this time that I know of.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 12 Oct 1999 21:25:20 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: KA5T Larry Wise <lewise@inetport.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53035] Re: Foxii Antennas
Message-ID: <Pine.GS0.4.10.9910122123580.4276-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 12 Oct 1999, KA5T Larry Wise wrote:

> Gang:
>
> I sure got bombed on that suggestion.. I was thinking of people using
> fixed arrays.... That has happened.... Being 50 miles from a fox using a
> fixed 4 element vertical array with you in a null is bad news.... :-)
>

Opps,

Sorry Larry, never even thought about a fixed array! In that case
you are right!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 12 Oct 1999 21:32:34 -0700
From: Jim <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [53036] Brand new commercial QRP field radio!
Message-ID: <38040B62.A55BEB21@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

From time to time, members of the QRP-L group bring products to market, and we're taking a turn, today. I have very much enjoyed all the technology, tips, tuners, radios, and friendships that have been developed, here. I hope our entry meets with your approval.

We have been working on a new, ultimate field radio (QRP, of course!) system for about 4 years and it is now available. It's a total system, not just a radio. It comes complete with an antenna, carrying case, and the radio, itself. It is built well beyond military-tough. We have stood on it, rode over it with a motorcycle, and dunked it in puddles, all with no ill effects. Although we don't recommend it, you could probably pound in your tent stakes with it, too.

A few quick specs are in order, here:

Complete 80 or 40 meter band coverage with DDS frequency control.

Built-in, water-tight key, speaker, LCD, and batteries.

Choice of 80 or 40 meter bands.

CW transmit, CW or SSB receive.

1 watt power output

You can see the full radio at our web page. Please click on:

<http://www.jja-instruments.com/radio.html>

Thanks for taking a look! 73/72 de Jim, W7LS

Date: Wed, 13 Oct 1999 00:52:05 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [53037] Re: QSL question
Message-ID: <0.11927fcf.253569f5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/12/99 8:51:55 PM Pacific Daylight Time,
boice@bigfoot.com writes:

<< I realize the address isn't a problem, but do you just put your
current call in normal big letters on the card and in smaller letters your
old call? Or do you just send a card with your old call? Gotta get caught
up on a few old ones. And, yes, they were all QRP, in this case from my
Sierra. >>

Hi Mike, the protocol is to use a card with the old call if thats what you
made the Q with. they will be looking in the log for that particular call,
it just makes it easier on the managers who deserve all the breaks we can cut
them!

Ive done this for several of my old calls im trying to catch up on with DX
qsling. A nice touch is to send the card with the call you worked them with,
then at the bottom put "op Mike (new call)"...it makes your card look more
interesting and there will be no confusion when hes going back through old
logs looking for you....I know the feeling of getting an envelope, getting
excited, then pulling my own card out with a post-it on it saying "SRI OM,
NOT IN LOG" aaaaargh!!

73...Adam, N7YA

Date: Tue, 12 Oct 1999 22:53:48 -0500
From: Earl Murphy <earlmurf@telusplanet.net>
To: qrp-l@lehigh.edu

Subject: [53038] FOX FUR FRENZY
Message-ID: <3804024C.5EF5@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

THANKS TO ALL YOU FOXII:

WOW! What a hoot! Been waiting a spell for this. I should have enough fur for a while. We get a bit chilly up here in Canuck Land sometime.

Anyway all you FOXII were in fine shape this evening. Managed to bag: First Fox of the season (none other than the FOX himself K7Q0), and then the fur was flying: AF5Z, K7GT, K0EVZ, N5TW, KU7Y, N7RR, WV3J, N7CQR, and W0MC. Heard a few others (NQ9RP, KQ5U, W8SFF, K10J, AB5WX, and W8RU) but no cigar this time.

Keep up the fine work FOXII, and thanks for giving us a taste.

72...Earl(VE6EWM) QRP-L #1076 QRP-C #6

Date: Wed, 13 Oct 1999 00:04:51 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [53039] Buzz Saw Information
Message-ID: <005b01bf1538\$93ee8ee0\$5337a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I finally heard the buzzsaw intruder on 40m tonight. The signal wasn't strong but I was at the right place (7040 kHz) and the right time when it began transmitting. I guess it really wasn't just everyone's computer monitor :-)

I find it interesting to try and figure out the how's and why's of mysterious transmissions so if anyone else is interested here is what I've found so far...

I started receiving the signals at about 0320 UTC on 13 OCT 1999 and stop hearing them around 0415 UTC. The transmissions would jump frequencies every few minutes but not at regular intervals. I measured the different transmission center frequencies at about 7020 kHz, 7040 kHz, 7050 kHz, 7070 kHz, 7080 kHz, and 7090 kHz. I never heard the transmission at any more than one of these frequencies at a time. The signal strengths were always

identical indicating the individual transmissions were probably all coming from the same transmitter. Skywave fading characteristics were evident and local source possibilities were eliminated

I made several digital recordings on the transmissions and performed some spectrum analysis on the signal. The transmission appears to be less than 3 kHz wide and consist of many sidebands that are equally spaced. It is probably a carrier modulated with a "soft" square wave or something of the sort (it does sound like computer monitor RFI). I can detect no intelligence being transmitted although some low frequency analog modulation (frequency selective flutter) was apparent in the individual sidebands. This modulation was probably caused naturally by auroral flutter. Many other signals on 40m tonight had the flutter on them.

It is interesting to note that the transmission on a given frequency would stop within tenths of a second when a strong CW station would come on the air. This may have just been coincidence.

I will post some of the ".wav" and ".jpg" files of the data I have collected on my Web page within the next couple of days hopefully.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Wed, 13 Oct 1999 01:08:14 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53040] Foxhunt: Buzzsaw got KK5LD
Message-ID: <380413BE.FC48E7DB@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry but the buzz saw got you at 0318z. I hung around the frequency until it stopped (a couple of min.), but did not find you again. Maybe the propagation was gone?

--

<http://home.rica.net/phelbert>

Date: Wed, 13 Oct 1999 00:06:23 -0500
From: Jeff Logullo <logullo@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [53041] CYA Adhesives (long)
Message-ID: <3804134B.E39CD382@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Discussion of "super-glue", used in Manhattan Style construction...
unfortunately, I wrote this before I read Roger Hightower's excellent
post. Laziness and the late hour prevent me from editing out redundant
comments; stubbornness made me post it anyway. Delete as desired; enjoy
as you will...

I've been using CYA (aka "cyanoacrylate adhesive", aka "super-glue", aka
"CA") for years now, in one of my other hobbies--model airplane
building. Maybe I can share some tips and tricks I've picked up along
the way. I'm no expert. Your mileage may vary.

Safety

First, regarding fumes: conventional wisdom in modeling circles is that
the fumes are to be avoided. Some have reported that after working with
CYA (and epoxies, too, for that matter), they have experienced allergic
reactions. Once sensitized, builders are forever suffering. Itchy eyes,
breathing difficulty, red rashes. So--avoid the fumes, and contact with
the products.

3M sells several masks that hold filter cartridges--you want the
"organic vapor" cartridges. Not only do they spare your nose and lungs
when working with CYA, you'll find yourself reaching for them when spray
painting or working with other noxious solvents. The cartridges are
replaceable, though the originals will last a long, long time. You can
find these at any store that sells painting supplies to professional
painters; better hardware stores might have 'em, too.

Okay, your respiratory system is safe. What about your eyes? One drop in
the eye means a trip to the emergency room, and I hear the news is not
good. The simple act of taking off the cap and an accidental squeeze can
mean a drop to the eye. Wear goggles.

While picking up goggles at the hardware store, buy a can of acetone,
too. Acetone can help remove CYA from your fingers when you glue them
together. Yes, sooner or later you will do this. Trust me.

Where to buy

A hardware store is one source, but I have a suggestion: if you have a hobby shop that caters to airplane modelers, stop in. They'll have several brands and varieties, in various sizes.

My main purchase criteria: buy the brand that comes in a bottle with a screw-off nozzle. Buy some extra nozzles and caps. Sooner or later, you'll find the nozzle glued shut. At this point, you can spend a good half-hour searching for wire thin enough and stiff enough and long enough to try to push the plug out of the nozzle and retrieve it. Or you can cut off the tip, leaving a hole that allows too much CYA to flow (usually onto your fingers--see above).

CYA comes in several types, usually called "thin", "thick", "gap-filling", etc. The thicker or gap-filling varieties are just that--thicker and more likely to bridge gaps. However, the thicker the CYA, the weaker the bond. The strongest CYA bonds are a mono-molecular layer between two non-porous perfectly-mating surfaces. The larger the gap, the weaker the bond. Obviously, if you are trying to fill a gap with watery thin CYA, you will get no bond whatsoever. So, manufacturers add *stuff* to make the thicker varieties. For Manahattan Style construction, I think the best bonds come from thin CYA, but you should be sure to leave no ridges or humps on the cut edges of your pads. You want a nice flat copper-to-copper mating for pads that stay put.

Some brands offer a line of "odorless" CYA. I have read that they are odorless by virtue of being more pure. They are supposed to be less likely to provoke allergic reactions, and may be stronger. They are also more expensive--of course.

Storage

CYA definitely has a shelf life of a few months. As it ages, it will start to misbehave, taking longer and longer to set. The aging process can be slowed down immensely by storing your CYA in the refrigerator or freezer. Before you put it in cold storage, put the bottle inside a ziplock baggie with as little air as possible. Prior to a CYA session, take the bottle out and let it warm to room temperature WITHOUT removing the bottle from the bag. This keeps condensation from the bottle, and thus keeps water away from the glue--a good thing.

Other Random Thoughts

If you start to "get into" CYA (as I have) you should also consider buying a bottle of CYA accelerator. When you spray accelerator onto CYA, it sets up in a *flash*. Many a child's toy has been returned to a few more weeks of service with thick CYA and a spritz of accelerator.

I recommend that you pour some acetone in an olive jar, and soak your dirty tips and caps in there. Put your spare cap on the bottle before you store it. That way you always have a clean tip.

CYA won't stick to everything. Waxy plastics (like polyethylene) will shrug off CYA's advances every time. So will greasy or dirty copperclad. Wash your hands before you start a glue session.

As my chemistry teacher used to tell us when leaving the chem lab, "Wash your hands *before* you go to the bathroom!" 'Nuff said.

Never let children use CYA!

Date: Wed, 13 Oct 1999 01:13:14 EDT
From: RABRUNER@aol.com
To: WB9MII@aol.com, qrp-1@lehigh.edu
Subject: [53042] Re: Twinax available ?
Message-ID: <0.cedf98f1.25356eea@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/12/1999 11:59:42 AM Central Daylight Time, WB9MII@aol.com writes:

> He mentioned something called "Twinax" which could be used. This
> is a new one on me...have any of you guys heard of this...and where I
could
> lay hands on some ?

Greg,
Twinax was widely used for LAN cable a few years back. Older CS departments may have a few rolls laying around. I am not sure what its performance would be as a transmission line. If nothing else, it is bulky, heavy, and stiff. Larger than RG-8, it uses plugs that look something like PL-259's with two small pins instead of one large pin. These were pricey, to say the least. Twinax was still listed in the most recent Belden catalog which I have at home, but there is no price information. 300 ohm twin lead might be better from a cost/hassle/benefit perspective.

At one time telcos used balanced 120 ohm twinax type cable for handling long runs of hard wired video. They had a whole array of accesories for it, double patch cords, scopes with 120 ohm inputs, baluns for converting to 75 ohm unbalanced, processing amplifiers, etc. Most of this stuff is toast in

the days of fiber, but a telco contact might be able to come up with something if you are feeling masochistic.

Bob Bruner
WB4TAj/9

Date: Tue, 12 Oct 1999 23:29:26 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [53043] Words per minute
Message-ID: <00c601bf153b\$ea1d3660\$fa9fa0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So I guess in all 13 messages so far, and the words contained therein, including the discussions about economizing labguage, the answer to the question was:

"Practice"

72 Dick AB0CD
Write Tite!

Date: Wed, 13 Oct 1999 05:27:44 +0100
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53044] PreFox results
Message-ID: <38040A40.A9B514C@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I want to thank everyone for stopping by and grabbing some of my fur! It has been hot here and I really needed some of it torn off just to let me cool down!

This was fun. Much more laid back than the "For Real" mad house that will soon be here!

I got on later than I had planed and had to QRT in only an hour but it was still a lot of fun.

Here is a list of who I got hit by!

1 K5OI
2 W5TA
3 WA8RXI
4 AB0GO
5 VE6EWM
6 N7MFB
7 KI0II
8 W7ILW
9 WE6W
10 W8KC

11 K4BKD
12 K5NZ
13 KK5LD
14 AF4PS
15 W0MC
16 N0RC
17 N2ZHY
18 WD4MSM
19 K9AM
20 WA7LNW

21 AB7ST
22 KB7WW
23 N4XDW
24 K8DD
25 NM5M
26 N4ROA
27 NQ7X
28 W9UQB/7
29 KK5WL
30 W5XE

31 N4S0
32 WS4S
33 N9DD
34 K5ZTY
35 N5JI
36 N7RR
37 W5TB

— —

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829---NorCal #330---QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Bob Patten, N4BP (0 0) Plantation, FL
o00o-()-o00

Date: Tue, 12 Oct 1999 22:54:10 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [53046] Re: Morse software doesn't have to be big
Message-ID: <19991013055410.65139.qmail@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Gang,

You want to ruin your CW speed, then go ahead and get the program and then compile it and play with it. It is my personal opinion that such software should be outlawed.

OK. As mentioned before this is not a Morse reflector. Take this thread elsewhere. Please.

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 12 Oct 1999 22:50:44 -0700
From: w6ra <t-ranch@humboldt1.com>
To: qrp-l@lehigh.edu
Subject: [53047] Ten Tec Argosy for sale
Message-ID: <3.0.5.32.19991012225044.0088d810@humboldt1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have decided to sell my TT Argosy model 525, to help make room for other toys.

This is a FB cw/qrp rig for those who want to see what the Ten Tec experience is all about at a reasonable price.

Has the following options:

#217 500 Hz cw filter (purchased new this year)

#224 audio cw filter

#226 pulsing calibrator

Also included is a new PTO rebuild kit and the manual.

Cosmetics 8 out of 10,

Asking \$325 + shipping. I will be bringing it to Pacificon.

Randy Tomer, W6RA

Date: Wed, 13 Oct 1999 01:58:23 EDT
From: HWRM1SS@aol.com
To: w7ls@blarg.net, njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [53048] Brand new commercial QRP field radio - monobander for \$379 ????
Message-ID: <0.de8baa96.2535797f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Jim,
379 for a monobander is pretty steep -- aside from the rugged construction
why should I buy one???
72
Howard K3HW

Date: Tue, 12 Oct 1999 23:02:38 -0700 (PDT)
From: hgruen@pacifier.com (Huston Gruen)
To: qrp-L@Lehigh.EDU
Subject: [53049] Kantronics QRP
Message-ID: <199910130602.XAA15342@eclipse.pacifier.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I need a manual/schematic for a Kantronics KT-140 40 meter QRP tranceiver.
I think they were also imported by Amp Supply. Any hints/kinks or ideas
anyone has would also be appreciated. Thanks.

Huston

Date: Wed, 13 Oct 1999 00:04:17 -0600
From: "Rod Cerkoney" <rcw@frii.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [53050] FOXHUNT: VARMINTS!

Message-ID: <01df01bf1540\$e7da5900\$dd8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice day here in CO, 80 Deg! So I get home from work and decide to relax on the patio. Something isn't right, I look around, the ears perk up, FOXII calling CQ! Gettin' so a man's not safe in his own back yard!
;-)

Well this calls for desperate measures. I run to the basement grab my DK9SQ mast, and lash a G5RV inv-V style to the fence, to H*** with the community covenants and restrictions, this is serious!!! ;-)
Quickly, I set up my MJF ant tuner, Profi paddles, at K2 running 4-5watts from the internal Batt. Oh, and the patio furniture, might as well be comfy.
;-)

It paid off, first hit, the leader of those little mangy, bushy tailed, low powered varmints, K7Q0! When it was all said & done:

QRV 0020UTC
20M
K7Q0, Chuck, AZ
N0UR, Jim, MN
AF5Z, Bob, TX
K7QT, Allan, CA

40M
N7CQR, Dan, OR
W8SFF, Steve, MI
AB5WX, Dave, TX
N5TW, Tom, TX
K0EVZ, Doc, ND
N5IB, Jim, LA
N7RR, Bruce, WA
AF5Z, Bob, TX
KU7Y, Ron, UT
QRT 0235ish

Not bad for this modest setup! Folks if you got Foxii go down to the Elecraft general store, and let Cuz' Wayne & Uncle Eric set you up with

one of their fine Model K2 Fox traps. ;-)

Seriously folks, had a great time, TU all for fun. I'm looking forward to this Foxhunting season. Enjoy Pacificon, wish I could be there, maybe next year.

72/3 Rod, N0RC Spott, the Lone Fox Hunter, No Club, No Rules ;-)
da di dah I love the smell of FOXII in the UTC morning! ;-)

Date: Tue, 12 Oct 1999 23:04:24 -0700
From: Russ Dow <n7dw@garlic.com>
To: wa4dou@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53051] Re: QSL question
Message-ID: <380420E8.236AC1E5@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good advice, Roy.

-- Russ N7DW

wa4dou@juno.com wrote:

>
> Hi Mike,
> I would use the old call, making no mention of the new one, since its
> not germane
> ,unless you write the new call in as a comment, just to let the op know.
> 73 Roy WA4DOU
> -----
> -----
>
> On Tue, 12 Oct 1999 23:49:04 -0400 The Boices <boice@bigfoot.com> writes:
> > How does this crowd QSL a DX station if I now have both a completely
> > different address and different call sign (including different call
> > district)?

Date: Wed, 13 Oct 1999 02:12:34 EDT
From: WB9MII@aol.com

To: qrp-1@lehigh.edu
Subject: [53052] Twinax - thanks for all the replies
Message-ID: <0.78aa6222.25357cd2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Howdy Folks,
Once again the QRP-L gang comes thru. I got my question answered and even think I may be able to lay hands on some of this stuff.
VY 72
Greg WB9MII

Date: Tue, 12 Oct 1999 23:13:55 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [53053] FOXHUNT de K7Q0
Message-ID: <19991013061356.73887.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

I was hounded into being a FOX again. :-) Pun intended.

At the zero hour (0000UTC) I tried to slip in just above
14.060MHz and just below the digital stations just above.
How is that for sentence structure?

Started calling CQ and for about an hour and a half worked
on the average about one every 1.5 to 2.0 minutes. Haven't
tallied the results. OTHER than having an ARRL WAS MAP (tm) in
front of me with neat lines through the states worked. Thanks
to NH, TN, KY, WY, and MT I have the map just about filled in.

But I want everyone on this list to be the first to know that
there is an underground conspiracy going on unseen and unnoticed
by all but me --- there are no longer any states in the 9-district!
WI, IL, and IN have either sunk into Lake Michigan or frozen over
and everyone moved to FL for the winter. Or the hams didn't get
their antennas up before the first freeze... :-) OK, they are
probably still there but I may have built myself an antenna with
a very very good null in that direction from AZ. Time will tell.

I have worked all states along both coasts except for ME. Joel

is avoiding me and that's OK. Worked RI twice so there is hope.

OK, I can't work UT, SD, WI, IL, IN, and HI. But I still have one day before heading out to Concord. I'll be up late and on tomorrow while the paint is drying on the new K7QO creations.... Seeing is believing. :-) Hey, you don't judge contests all these years and not learn how to steal ideas.... ;-)

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 12 Oct 1999 23:22:24 -0700
From: "Radman" <radman@best.com>
To: "Bob Patten" <n4bp@bc.seflin.org>, "Elecraft Reflector" <elecraft@qth.net>, "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [53054] Re: [Elecraft] Jeff Grudin, AC6KW
Message-ID: <199910130621.XAA16467@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bob & gang,

Jeff and few of us "locals" are burning the midnite oil attempting to >>BREAK<< Wayne's final firmware Rev :-)) I've been pounding on my K2 for hours... so far so good! I even mustered 15.2 watts with at current limit of 4A on 10 meters... with the LDG ATU!

Jeff's pictures are at URL:
<http://www.vdbs.com/~grudin/K2sideband.html>

72,

Conrad - NN6CW

.

From: Bob Patten <n4bp@bc.seflin.org>
To: Elecraft Reflector <elecraft@qth.net>; QRP-L Reflector
<qrp-l@lehigh.edu>
Subject: [Elecraft] Jeff Grudin, AC6KW
Date: Tuesday, October 12, 1999 10:48 PM

Jeff,

This is embarassing.. I forwarded the URL info you sent
me to my
neighbor and then didn't save a record of it. Shortly
after, about six
people e-mailed me asking for the info! I saved the
k2ssb_nb.jpg and
will forward them the picture. But perhaps you could
again post your URL
to the QRP-L and Elecraft reflectors?

73,

Bob Patten, N4BP (0 0)
Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page:

<http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Submissions: elecraft@qth.net
<Please note: The list server automatically rejects HTML
encoded emails. >
List Archive page:
<http://www.qth.net/archive/elecraft/elecraft.html>
Elecraft Web Page: <http://www.elecraft.com>

Date: Wed, 13 Oct 1999 02:24:52 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu

Subject: [53055] Mail Box full
Message-ID: <0.9c9c9911.25357fb4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Elekktron1@aol.com
Can't sell you anything if you ask for something,I respond and you'r mail box
is full
Bob
WA2HQrp <tm>

Date: Wed, 13 Oct 1999 00:18:27 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: n7kt@earthlink.net, qrp-1@Lehigh.EDU
Subject: [53056] Re: Cyanoacrylates (Super Glue)
Message-ID: <19991013071828.22436.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>If you're really hot for speed, and want some more strength, use a small
>artist's brush to lightly dust baking soda on the surface before placing
>the pad. The adhesive will "flash", that is, smoke a bit, and then it's
>done

Acetone is often used as an accelerator. In fact, some glue I've got for
sticking down wires on a PCB came with a little bottle of it.

73, Leon

Leon Heller, G1HSM
Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 13 Oct 1999 03:28:59 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Radman <radman@best.com>
Cc: Elecraft Reflector <elecraft@qth.net>, QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [53057] Re: [Elecraft] Jeff Grudin, AC6KW
Message-ID: <Pine.3.89.9910130334.A25947-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 12 Oct 1999, Radman wrote:

>
> Jeff's pictures are at URL:
> <http://www.vdbs.com/~grudin/K2sideband.html>
>
Thanks Conrad, this time I'll keep a record of it!

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 13 Oct 1999 03:51:10 -0400
From: Tim <drboom@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53058] Test - don't read
Message-ID: <380439EE.6B3BD9F0@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

..._ ..._ ..._

test only.

sorry

Date: Wed, 13 Oct 1999 01:33:38 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <HWRM1SS@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53059] Re: Brand new commercial QRP field radio - monobander for \$379 ????
Message-ID: <00b301bf1555\$a5fd2f20\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What's the RX audio bandwidth on its direct conversion receiver?
What's the RX MDS? Is it available as a kit? So much to learn....

72, Dave, AD6A

----- Original Message -----
From: <HWRM1SS@aol.com>(snip)
> 379 for a monobander is pretty steep -- aside from the rugged construction
> why should I buy one???

Date: Wed, 13 Oct 1999 06:34:45 EDT
From: w4pj@w4bkkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [53060] CB Amplifiers [Was Re: 10 meter beacons...]
Message-ID: <96945@w4bkkx.ampr.org>

You can construct or modify one unit of one model per year.
If you are a licensed Radio Amateur.
Part 97.315
de (Scott) W4PJ

Date: Wed, 13 Oct 1999 07:14:50 EDT
From: DLShips@aol.com
To: qrp-1@lehigh.edu, klqrp@waterw.com
Cc: Esa.Valtonen@veikkaus.fi, kr4wm@sccoast.net, heikki.nevantaus@megabaud.fi,
matlas@ibm.net, aa4xx@amsat.org, designserv@ipass.net, ae4ic@nr.infi.net,
jpkeon@worldnet.att.net, arjen.raateland@vyh.fi, DLShips@aol.com
Subject: [53061] LDG's New "Low Current" QRP Autotuner
Message-ID: <0.a881c2f.2535c3aa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

New LDG QRP Automatic Antenna Tuner

Hey Guys, I've been playing with the new LDG QRP AUTOTUNER for the past few days and it's a beauty. It's called the Z-11 and should be available very soon. I've been comparing it with the QRP AT-11 and in almost every case on the first tune I get a better match with the Z-11. But here's the big news...it uses LATCHING RELAYS and once you've got a match you can turn it off and it draws nothing, nada, zip..There's NO BIRDIES either, since the micros take a nap right after the tune..It requires 12 V; if you leave it on, it draws about 8 mA. And at most, in the heat of the tune cycle, I saw it drawing about 240 mA for a second or two.

Here's the scoop. The board's a little bigger than the AT-11. (AT-11's 4 1/4" (W) X 4 1/2" (D)) The Z-11 is 4 1/2" (W) X 5 1/2" (D). There's a couple reasons for the bigger foot print. The latching relays are larger than the relays in the AT-11. There's two microcontrollers and an 8 pin dip (LM 311) on the Z-11 board as compared to the single micro and a row of transistors in the AT-11. There's a Front Panel PC board that holds the switches and LEDs. Momentary toggles replaced the up/down L and C buttons.

It's really neat to watch this thing find the best match. LDG added a new routine in the software to do the fine tuning for you. It will find a match at 1.5:1, but then does another tune around all the points that are near the 1.5:1 finding, to see if it finds something better. If it finds anything better, it goes with that. If it does not find anything better, it goes back to the 1.5. Is that slick, or IS THAT SLICK? I placed an SWR meter in series with it and you can actually see the "best tune" and "further search" process.

I tried it with a couple antennas; a 33.5' ground mounted vertical and an "unconventionally fed" Inverted Vee. The "V" replaced a G5RV taken out by hurricane Floyd. I'm calling it the "Ameoba" because of the non-conventional way it's fed. In the process of ripping out the G5RV the hurricane tore the wires out of the insulation in a ten foot section of the 450 ohm ladder line. I cut it away and ended up with 25' of ladder line attached to an unknown length (~ 75') of RG59. The top is about 30' off the ground and each leg of the "V" is 33.5'. It's not my best antenna but serves the purpose.

Both of these antennas were able to be matched with the Z-11 on all bands 80 thru 10. I had a hard time matching the pole with the AT-11 on 80 and 10 meters. There was no problem on any band with the Z-11. After the tune cycle the AT-11 continued to draw the following current: 80 M - 131 mA, 40 M - 116 mA; 30 M - 70 mA; 20 M - 85 mA; etc. Anyway, to make the point, after the tune cycle the Z-11 continued to draw 8 mA on each band until I turned the power off, watching the current drop to ZERO :^)

Perfect for me, a guy who likes to power his autotuner with cell phone batteries.... The prices are \$179 assembled. \$149 assembled without enclosure, \$145 kit with enclosure and \$119 for the kit without enclosure.

No, I don't work for LDG :^))

Get excited guys, It's getting better all the time!.

72 es 73 de Don, W3RDF/QRP, North Myrtle Beach, SC. USA

Date: Wed, 13 Oct 1999 07:51:19 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [53062] Part 97.315 FCC rules [Was Re: CB amps.....]
Message-ID: <96953@w4bkx.ampr.org>

97.315 Type acceptance of external RF power amplifiers.

- (a) No more than 1 unit of 1 model of an external RF power amplifier capable of operation below 144 MHz may be constructed or modified during any calendar year by an amateur operator for use at a station without a grant of type acceptance. No amplifier capable of operation below 144 MHz may be constructed or modified by a non-amateur operator without a grant of type acceptance from the FCC.
- (b) Any external RF power amplifier or external RF power amplifier kit (see 2.815 of FCC rules), manufactured, imported or modified for use in a station or attached at any station must be type accepted for use in the amateur service in accordance with Subpart J of Part 2 of the FCC rules. This requirement does not apply if one or more of the following conditions are met.
 - (2) The amplifier was manufactured before April 28, 1978 and has been issued a marketing waiver by the FCC, or the amplifier was purchased before April 28, 1978, by an amateur operator for use at that amateurs station.
 - (3) the amplifier was:
 - (i) Constructed by the licensee, not from an external RF amplifier kit, for use at the licensee's station; or
 - (ii) Modified by the licensee for use at the licensee's station.
 - (4) The amplifier is sold by an amateur operator to another amateur operator or to a dealer.
 - (5) The amplifier is purchased in used condition by an equipment dealer from an amateur operator and the amplifier is further sold to another amateur operator for use at that operators station.

I guess that covers the question.
Every amateur operator should have a copy of Part 97 FCC rules.

de (Scott) W4PJ

Date: Wed, 13 Oct 1999 12:14:56 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [53063] Pre FOXHUNT
Message-ID: <000501bf156c\$356f4880\$ad42b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all, I got on forty meters last night for an hour to test my skills for the upcoming FOX season. Following is my log. Now the times are subjective because I quite frankly forgot to write down the time I worked stations until 3/4 of the way through. So if you had a different time, by all means use your time. I apologize for my faux pas.

Time:	Station:	RST SNT/ RCV:	State:	Name:
QRP-L/PWR NR:				
00:30	K1QM	559 559	MA	Joel
337				
00:32	VE3JC	559 579	ON	JOHN
744				
00:36	K1VP	559 559	NH	ED
1 WATT				
00:38	KS4L	559 349	AL	RANDY
468				
00:40	K5NZ	559 559	TX	MIKE
2018				
00:42	KE1LA	559 559	ME	JOEL
765				
00:46	WS4S	559 569	TN	CONARD 993
00:48	N4ROA	559 559	VA	DAN
970				
00:49	WA8RXI	559 569	MI	RICK
1368				
00:51	N3BJ	559 559	VA	ALAN
2 WATTS				
00:55	AB0GO	559 559	CO	NO GO, SEE
BELOW				
01:00	KK5LD	559 559	TX	DAN

5 WATTS				
01:05	N9KW	559 449	IL	JOHN
1257				
01:10	KA1AXY	559 559	MA	PETER
260				
01:15	AF4W	559 439	GA	CHUCK
1785				
01: 17	AB0GO	559 559	CO	DAVE
785				
01:20	N0RC	559 449	CO	ROD
1764				
01:28	AB7MY	559 559	AZ	GARY
571				
01:32	WA7ATW	559 539	UT	JACK
9183				

I had lots of fun and I hope the hounds did too. It was a real learning experience for me. Thanks go to Dave AB0GO for the stamina to hang in there and get his pelt. To Conard, your K2 to my K2 was fun from K2 Nr: 0162. See you folks in the upcoming REAL fox hunts.
Steve Sorrell, W8SFF, QRP-L NR: 1288

Date: Wed, 13 Oct 1999 08:18:24 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [53064] QRMming 10 meter intruders
Message-ID: <96969@w4bkx.ampr.org>

I just send QRL a few times before starting CQ. If I dont hear a response i figure there is nobody using the frequency. - I meant QRL?
Then put my transmit frequency about 750Hz above any USB signal or below LSB to give a little room between us. <grin>
de (Scott) W4PJ

Date: Wed, 13 Oct 1999 07:24:18 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53065] Re: Buzz Saw Information
Message-ID: <001d01bf1575\$df74e480\$0a37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

"It is probably a carrier modulated with a "soft" square wave or something of the sort..."

I correct myself, there is no detectable carrier. Although with the right selection of modulation index a carrier could be frequency modulated to null out the carrier. The spectrum is generally uniform with two broad humps.

The spectrum is spread so it could loosely fit into the "spread spectrum" category although there appears to be no data being sent.

It sounds similar to some jamming techniques sometimes heard in the short-wave broadcast bands, but then why would they choose the non-broadcast part of the 40m band? In the spectrograms it is very easy to view the selective fading characteristics due to the equally spaced sidebands. Maybe this is it's purpose.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Wed, 13 Oct 1999 06:32:19 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [53066] Re: Buzz Saw Information
Message-ID: <38047BD2.23859964@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The station I heard sounded like a multi-plex FDM/TDM type rtty station, usually running from 8 or 10 to as many as 20 channels of rtty/data all within one frequency, superimposed on one carrier, and separable into individual channels for demod with demod units containing very sharp filters, where the control station (or receiving station) will re-direct to the appropriate receiving office. These complex stations are normally used by military or government - not normally found in the commercial arena. And when a government or military unit decides on using a frequency, they use it, and the fact that it is an amateur only assignment is of no consequence. I know that for a fact by talking with the area frequency coordinators for the military

in this area. One reason Rockwell-Collins, TMC, Racal RF Harris and others make 10 - 50 kw field transmitters. Hard to disrupt something like that with amateur power levels.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 13 Oct 1999 06:36:48 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [53067] Re: FOX NQ9RP
Message-ID: <38047CE0.8BB51326@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

for Brian NQ9RP, I tried but the propagation changed as you answered,

so hopefully next time. Great fun in the chase, anyway.

vy 73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 13 Oct 1999 08:41:18 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [53068] Re: Buzz Saw Information
Message-ID: <38047DEE.C57165D6@rit.edu>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

"Steve Yates, AA5TB" wrote:

>
> "It is probably a carrier modulated with a "soft" square wave or something
> of the sort...".
>
> I correct myself, there is no detectable carrier. Although with the right
> selection of modulation index a carrier could be frequency modulated to null
> out the carrier. The spectrum is generally uniform with two broad humps.
>
> The spectrum is spread so it could loosely fit into the "spread spectrum"
> category although there appears to be no data being sent.
>
> It sounds similar to some jamming techniques sometimes heard in the
> short-wave broadcast bands, but then why would they choose the non-broadcast
> part of the 40m band? In the spectrograms it is very easy to view the
> selective fading characteristics due to the equally spaced sidebands. Maybe
> this is it's purpose.

Perhaps it's a jam-resistant over-the-horizon radar? I remember reading
an account of someone sending a stream of dits when the old Woodpecker
started up, and causing it to go away. (So they claimed - I don't think
it was a scientific survey.) Or maybe a higher resolution OTH radar -
reflections from multiple signals could be averaged together to reduce
the effects of fading, phase shifting, etc.

Anybody know something about signal processing, and care to make a
guess? (Anybody not in fear of the NSA, CIA, or other TLAs?)

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 13 Oct 1999 07:30:41 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Paul R. Valko" <prvalko@oakland.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53069] Re: Lil' foxii make momma proud!
Message-ID: <Pine.LNX.3.95.991013072655.27506A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I listened and listened but the warm up fox hunt was not to be heard at this location last night....I even checked to see that I had the right night!...HI HI....no foxii or hunters heard....once in awhile I copied a qso going on but after listening determined that the qso in progress had nothing to do with the warm up....I was able to be on from about 0030Z and listened on and off for a couple of hours first on 20 mtrs and then on 40 mtrs...and so it goes.... ;-(

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Wed, 13 Oct 1999 06:35:24 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [53070] Re: OT: Looking for a used oscilloscope
Message-ID: <19991013133525.27084.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

He did say SMALL didn't he? The 7603 is a solid state Boatanchor! :-)

Seriously, though, they are nice machines. I have a 7613 and am very happy with it. Also, have not done business with Lew Coppes but have heard good things about him. He has a good selection of plug-ins for the 7000 series O-scopes.

Regards,

Brad

Art Neilson, AH6PZ (art@hawaii.rr.com) wrote:

Check out Lew Coppes in Arizona, he runs a small company which deals in used test equipment for reasonable prices. I purchased a Tek 7603 from him and it is terrific. You can reach Lew at his email address

lcoppes@primenet.com

73's !!!

At 06:24 PM 10/10/99 -0700, you wrote:

Hi Everyone,

I'm looking for a small scope in the 60 MHz and above range.
Something
small
that I can lug back and forth from my workshop to the shack.
Something
like
the Tek 465 would be great. Does anyone know of a mail-order place
that
sells used scopes? Going to hamfests is not possible for me.

I'm also looking for one of Steve Weber's spectrum analyzer adapters,
if
anyone has one for sale.

73,
Kory
AC6RN

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 13 Oct 1999 08:49:14 -0500
From: Guy Dragoo <GDRAG@proedge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [53071] Teflon Wire Source
Message-ID: <B13A99FB1E2FD311816D00805FBB10B60921DD@www.premiumware.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Howdy to the list,
I need larger gauges 14,16,18,20 awg Teflon wire for some projects (smaller pieces...12-18" are fine as well as 25-100' rolls). Does anyone know of a cost effective source for this wire?
Thanks and 73
Guy AC5HL

Date: Wed, 13 Oct 99 14:02:29 +0000
From: n4elm@texoma.net
To: qrp-1@Lehigh.EDU
Cc: n4elm@texoma.net
Subject: [53072] FS: Ten-Tec SP-325 HF Receiver
Message-ID: <19991013140229.63ECE15EC38@mail.texoma.net>

Not necessarily QRP but could be :-)

For Sale:

Ten-Tec SP-325 General Coverage receiver
Built for government use in the 80s
100 Khz - 30Mhz
LSB/USB/CW/AM/FSK
built-in filters - 6.0, 2.5, .5 Khz
Digital microprocessor tuning with knob, keypad, and memories
memories store frequency, mode, and filter setting
110 vac power
N connector for antenna input
600 ohm audio output, can drive an 8 ohm speaker (speaker NOT included)
brackets for mounting in 19" rack.

This radio is used and has been used.
cosmetics are fair, some scratches on front panel, some paint chips around edges of front panel, small dents and scratches on the case covers.
All functions work, the keypad is stiff but works

Asking \$250.00
Includes shipping to lower 48.

73 - Dave, N4ELM
The radio receives all bands/modes (well, I can't actually test FSK)

Date: Wed, 13 Oct 1999 10:03:43 -0400 (EDT)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com,
antennas@qth.net, antennaware@contesting.com
Subject: [53073] Site update and book release
Message-ID: <Pine.GSO.4.10.9910130954480.26388-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have updated the main page of my site to reflect the announcement of the new book, Basic Antenna Modeling: A Hands-On Tutorial, which will be available from Nittany Scientific after October 31. The main page now leads to a description of the book, the accompanying exercise disk (150 different models with over 330 total model files), and the availability of a disk of these exercises in an alternative popular format. These items will not be available directly from me, but the pages have links to the purchase sources.

Also at the site is the follow-up to the basic LPDA modeling item, the new piece being called 5 ways to doctor a basic LPDA design. It is now together with several basic LPDA items in a subdirectory, with only a basic LPDA Data entry in the Modeling section of the Tales and Technicals page. The new item is quite long, with 26 graphics. I should have broken it in two, but who would read something called 2.5 ways to doctor a basic design?

I hope something in all of this is useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	Tel: (423) 938-6335
1434 High Mesa Drive	/	\	\		----	/\	----
Knoxville, Tennessee	/\	\	\	/	/		http://www.cebik.com
37938-4443 USA	/	\	\	\			e-mail: cebik@utk.edu

Date: Wed, 13 Oct 1999 15:14:52 +0100
From: Joiner Randy Civ WRALC/LYSBB <Randy.Joiner@robins.af.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [53074] Rig Wanted
Message-ID: <C9AA15FD0636D211811B0000F8106481028BB02B@FSUHHZ35>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gentlemen, I am looking for a 1950's vintage "spy" type radio, model RS-6. This radio has 4 separate units that plug together to form a complete rig. The RT-6 Transmitter, RR-6 Receiver, RP-6 Power Supply, and RA-6 Filter Unit. The transmitter is xtal controlled and has about 10 watts output and the receiver is general coverage from about 3 to 16 mhz. This radio was pre GRC-109 days if you are familiar with it, but had similar operating parameters. If you have one of these and would part with it, or have suggestions where I might find one, please email me privately, as I have a friend who would like to have one, reasonably of course.

For a picture of this rig go to <http://nj7p.org/millist/pic/rs-6.jpg>
<<http://nj7p.org/millist/pic/rs-6.jpg>>
Thanks for the bandwidth.

Randy N4SX

Date: Wed, 13 Oct 1999 10:26:56 -0400
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [53075] QSL question Part II
Message-ID: <3.0.6.32.19991013102656.0079e9d0@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Forgot to ask this one earlier: when sending cards via the buro, how do you specify the QSL manager? I.e., what format do you use to include both callsigns on the card?

I've looked at the ARRL website for info, but didn't see the specifics for this.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw

Date: Wed, 13 Oct 1999 10:30:12 -0400
From: wd4et@juno.com
To: DLShips@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [53076] Re: LDG's New "Low Current" QRP Autotuner
Message-ID: <19991013.103152.-224691.0.wd4et@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Don,

The LDG Z-11 sounds great. Will the new version fit into the same case as the old version?

73, Jeff

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 13 Oct 1999 15:50:22 +0200
From: DL2FI@t-online.de (Peter Zenker)
To: <Bigbob97@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [53077] AW: DL QRP PA
Message-ID: <001201bf1581\$e4e5e7a0\$41bc9e3e@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Bob et al

R13 is used for a different set of PA transistors as we had it in the first run of the PA. There was a cheaper version with limited frequency range, but we decided to stop the cheaper one because the price reduction was small and the limitation was big.

Peter, DL2FI
DL-QRP-AG

> -----Urspr ngliche Nachricht-----
> Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag
> von Bigbob97@aol.com
> Gesendet am: Dienstag, 12. Oktober 1999 22:49
> An: Low Power Amateur Radio Discussion
> Betreff: DL QRP PA
>
> Has anyone noticed that R13 - an SMT resistor is not used on the
> board? Or
> is mine missing? I cannot find it in the schematic. Thanks. 73,
> Bob WB2DHK in jersey city, NJ
>

Date: Wed, 13 Oct 1999 10:45:00 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [53078] Re: Buzz Saw Information
Message-ID: <199910131525.LAA06321@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Seeing that Russia has a little war going on down in Chechnya, I suspect the buzz saw is Russian military traffic to that area. Due to good propagation, we hear it here. Seems the reports of the signal started about the same time as when the war got hot and heavy.

Hopefully, the buzz saw will go away once the war quiets down.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 13 Oct 1999 08:25:58 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [53079] FOX: pre-FOX QSO bash
Message-ID: <3804A486.FC4@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What fun...I started on 10m and actually got some QSOs. Nil on 15. 20m was the action scene. Even picked up two on 40m using the club station beam as an untuned 40m radiator:

10m:
1 AE2T
2 W2MY/5
3 K4ZM
4 KK5LD

20m:

5 K7QO (yeah, I know, FOX - FOX wasn't the purpose but I have been trying to work Chuck for 2 years now...)

6 KB7WW
7 AJ4Y
 (called by PP6CW for a FISTS QSO...I obliged)
8 KK5LD
9 WS4S
10 VE6EWM
11 VE7CQK
12 K3NLT
13 W9UQB/7
14 NV4V
15 W0AV
16 WA5BDU
17 KS4L
18 N0RC
19 WW7Y
20 N9KW
21 KK5NA
22 KE4IZH
23 AB7MY
24 N3BJ
25 K7SZ (very weak but eventually I got Rich)
26 N4ROA
27 KA3WMJ
28 N3YSI

40m:

29 WE6W
30 N6XU

20m:

31 W8KC (momma FOX!)
32 WB4JJJ
33 W7ILW
34 KB0R
35 W5FN
36 KD5CMN
37 WZ2T (I think...)

Only one QSO after 0130. I guess everyone but me was off eating
dinner in celebration.

73 and see ya on Jan 4, 2000.

Allan K7GT

--

```

              /|
             / |
            | /Z |\
          Allan Taylor K7GT      /| /599| \      k7gt@arrl.net
    Pleasanton CA CM97aq      /_ | /____|__ \_    http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\-----/
~~~~~

```

```

-----
Date: Wed, 13 Oct 1999 09:29:02 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [53080] FOX:40 mtr fox hunt Teams
Message-ID: <Pine.LNX.3.95.991013084255.30864A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

```

WOW!.....17 (SEVENTEEN) Teams with the entry of the "NIGHT OWLS!"...they didn't say anything about using "bugs" so maybe their "weapons" are secret!?!...or maybe they don't give a "hoot!".....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
 A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
 S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

20th. MAINE BENGAL BEARS:	BLUE J's:
-----	-----
Jim - N5IB	John - VE3JC
Butch - N5SMQ	Jim - VE6JWA
Bill - NT1R	Jeff - VA3JFF
Joel - KE1LA	Jon - TF3JA

DURHAM MORSE MEN:	EMPIRE HOUNDS:
-----	-----
Jim - VE3KQN	Dick - K2REB
Ken - VE3ELA	Kevin - N2T0
John - VA3JE	Mark - N2JTW
Garry - VE3REP	Nick - KF2PH

HOUSTON HOUNDS:	MANGY MUSHERS:
-----	-----
Bill - K5ZTY	Pete - NV4V
Bill - W5SB	Paul - VE7CQK

Terry - KQ5U
Dan - KK5LD

Bruce - N7RR
Ed - K1VP

NIGHT OWLS:

Ed - WE6W
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

OKLAHOMA TORNADOS:

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR
Gody - AC6U

RAIDERS OF THE LOST RF:

Fred - VE3FAL
Earl - VE6EWM
Mary - NA6E
Bruce - VE5RC

SCATTER SHOT GUNNERS:

Mike - K1MG
Jack - W5TFB
Stan - N6XU
Pat - K0PC

SFBA FOGHORNS:

Bob - N6WG
Conrad - NN6CW
Andreas - N6NU
Jon - AD6FX

SWAMP RATS:

Tom - N1TP
Mac - KF4KSM
Fred - W2XN
Paul - AJ4Y

SWORDS:

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ
Dan - N8IE

TEAM CRAMP.COM:

OJ - K10J
George - K5VUU
Mike - K5NZ
Eric - NM5M

TEAM ScQRPion:

Floyd - NQ7X
Gary - AB7MY
Conard - WS4S
Bob - KI7MN

UNDERDOGS:

Roy - AB7CE
Dan - N4ROA
Brian - KB9BVN
Ron - KI0II

WESTERN WRANGLERS:

Randy - K7TQ
Chuck - K7QO
Steve - WW7Y
Ron - KI0II

....who's next??....this is going to be a FANTASTIC year for the
40 mtr Fox Hunt Team competition!...please let me know if I have any
errors in the list...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Wed, 13 Oct 1999 08:44:04 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Jim <w7ls@blarg.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53081] Re: Brand new commercial QRP field radio!
Message-ID: <Pine.GS0.4.10.9910130839140.8418-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim and all,

Wheeeee!!!!

Yet another new rig!

Watching all this growth in QRP is exciting!

And I still think that it is mostly because Chuck started

QRP-L a few years ago to get the 25 to 50 people that might like QRP into one place! :-)

I remember him saying something like ".....if we are lucky there might even be 50 people that wind up subscribing to QRP-L....." :-)

:-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 13 Oct 1999 11:50:39 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [53082] Stripping magnet wire insulation
Message-ID: <001c01bf1592\$b32e55b0\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Lots of dialogue re stripping wires lately. My 2.5 cents worth...
I hold a pair of wire cutters, "ANY KIND" but usually what we call dikes (SP?) in my right hand and insert my index finger into the crotch of the handles and my finger (next to the pinkie) at the bottom of the handles on the inside. My middle finger and thumb are on the outside of the handles. With a little practice, you can precisely control the pressure of the cutter edges to just cut thru the insulation as you pull magnet wire thru the cutters. This technique strips a little copper from the wire, about the same amount as an Xacto knife scrape but is a lot faster. I rotate/strip the wire 5 or 6 times to get at least 90 pct of the insulation, then I use a little excess solder to tin the end. Been doing it this way for 25 years and very seldom nick the wire.

I must admit that this works best with 26 or heavier wire. 36 ga wire just won't cut it (pun intended). Hope this helps some of the newbies.

PS- holding the cutters upside down may work better, depending on the angle of the cutter edge.

73

Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

Date: Wed, 13 Oct 1999 12:22:33 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <leon_heller@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.EDU>
Subject: [53083] RE: Cyanoacrylates (Super Glue)
Message-ID: <NBBBJDEEIFDDANGEGHLBAEIIHEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well I'll be darned... thanks guys. I had always wondered about BOTH the
wire tacking and "Hot Shot"!

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Wed, 13 Oct 99 08:53:32 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [53084] power
Message-ID: <Chameleon.939833753.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Randy Jouett wrote:

"I was doing some horse trading the other day, and I
picked up busted CB amplifier. I was wondering if I
could use the thing with the HTX-10 legally when it
was repaired and working?"

Part of the amateur tradition is putting anything on the air
that you can. Hams routinely and legally use commercially made ham gear,

homebrew stuff, ex-military gear, old two-way radio equipment and broadcast transmitters, just to name some of the categories. The FCC has protected this by not requiring any acceptance or inspections, and just stating in the regulations a set of technical criteria. So you can put anything you want on the air as long as it meets spec.

This brings up some interesting points regarding spurious emissions. I assume by "matching network" you really meant "harmonic suppression network" since without some kind of matching it's hard to put power to the antenna. Anyway, there is no requirement for any kind of network. You just have to have your harmonics down by a certain amount, depending on the power level. Someone on the list was asking if you could run an oscillator to a power amplifier right out to the antenna, and the answer is yes, if you can make a clean enough amplifier.

But say you build a little transmitter with a couple of 2N2222's for a final. You might end up with 10dB or so of second harmonic suppression with no filter at all. (These numbers are real rough guesses, so bear with me.) The third harmonic might be a little worse. But then you might put it to a resonant antenna, or maybe a tuner, which will give maybe another 10dB, so now you are down to maybe minus 20dB. So your fundamental is probably around 500mW and your second harmonic is down to 5mW. That's not something that is really going to interfere with anyone. It is also below the maximum spurious emission allowed to any station, according to part 97 (50mW). In other words, we gasp in horror at the idea of someone putting on the air the illegal transmitter I have proposed in this paragraph, yet it is perfectly legal for an amateur with a more powerful transmitter (and a broadband antenna) to generate an effective harmonic 10dB bigger than the one we're talking about.

This says two things:

- 1) Hams should have some way of roughly determining harmonic output, and should do their best to comply with the law, but in practice nobody is going to incarcerate you if you do a little exceeding. Especially if you are not bothering anybody. Not everyone can afford a spectrum analyzer, but there are, for instance, general coverage receivers that can help give a vague idea of performance with some creative experimental design. And that is a big part of what ham radio is about. If Riley shows up at your house and you demo some wierd lash-up for measuring harmonic radiation that turns out to be 6 or 10dB off in the wrong direction, I don't think he's going to be too pissed.

- 2) QRP is a good idea. That legal 50mW spur is enough to span the globe and certainly cause interference to somebody. Lower power transmitters

must have better suppression than this. Even a bad QRP transmitter produces less spurious energy than a hypothetical but legal QRO transmitter.

73,
WN6Q

P.S. I still haven't found anyone willing to accept my regen entry UPS and take it to Pacificon for the contest. Any takers? I'll pay shipping both ways.

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com, afelino@eng.delcoelect.com
telephone: (805) 730 1565, x25
fax: (805) 730 1569

Date: Wed, 13 Oct 1999 11:02:13 -0600
From: Rod Cerkoney <rcw@frii.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53085] Power Connectors
Message-ID: <19991013110213.58789@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

I'm looking for a good "universal power connector". (Something higher tech than wire nuts Ron, ;-)

The ARRL handbook recommends a particular Molex device, but I can't seem to find both the male/female device locally, Mouser, Digikey..... And, the 8 Amp rating seems too low for some things like a VHF/UHF 50W mobile rig, my IC-207 draws 10-12 amps at max Pout.

Recommendations?

My plan:

Power Supplies	Cables/Conn.	Equip.
Gel Cell +----->>-----=		HT's
Auto Batt %----->>-----*		Mobiles, VHF/UHF
Switchers 8----->>-----@		QRP Rigs
Linear P/S 0----->>-----&		Watt Meters, other acces.
Solar cell ()----->>-----E		Laptops

Whatever ?----->>-----? Whatever

+, %, %, 0, (), ? = pwr src conn. fastons, cig lighter
alligator clips, wires nuts... whatever

=, *, @, &, E, ? = coaxial conn., molex types, wire nuts
alligator clips, scotch tape... whatever.

>> = the universal connector pair

The idea is when I get some thingy that requires power, I'll make
a cable with the thingy's connector and my standard connector. For
all my power sources I'll make a cable for it with the mating
connector to my standard. Then I can power anything form anything.

I also want to make a "patch panel", so that one (possibly more) sources
can more power multiple devices. Maybe I'll even add voltage & current
monitoring to the panel.

--

72/3 Rod, N0RC
da di dah

Date: Wed, 13 Oct 1999 11:04:35 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>,
Roy <marion@montana.com>
Subject: [53086] FOX:40 mtr fox hunt Teams
Message-ID: <Pine.LNX.3.95.991013110156.6016H-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I goofed Roy!....thanks very much for picking it up....the Wranglers "Ron"
should have been KU7Y....I will make the correction...hope all is well and
tnx agn OM!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Wed, 13 Oct 1999 13:09:02 EDT
From: DLShips@aol.com

To: wd4et@juno.com
Cc: qrp-1@lehigh.edu
Subject: [53087] Re: LDG's New "Low Current" QRP Autotuner
Message-ID: <0.81d63d10.253616ae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 99-10-13 10:33:16 EDT, wd4et@juno.com writes:

<<
The LDG Z-11 sounds great. Will the new version fit into the same case as
the old version?

>>
Hi Jeff,

That's a good question. I think the front panel might need some work, since
the new one has fixed component positions dictated by the front panel circuit
board. My current LDG QRP tuner is mounted inside the Heath Kit HW-9 (I
forget the exact number, something like HM-9) swr/power meter case. I left
the original circuit in the case, but elevated it so the allow room for the
AT circuit board to mount on the bottom. Made a neat installation too. With
it I have the lights and the meter to watch during the tune cycle.

Hope this helps.

de Don

Date: Wed, 13 Oct 1999 13:09:57 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [53088] OT: buzz saw - film at 11?
Message-ID: <3804BCE5.C74B80C9@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Folks,

I ran across the HAARP (High frequency Active Auroral Research) Web
site, and they have some interesting RF spectrum plots that are updated

in almost real time. A couple of note:

<http://www.haarp.alaska.edu/specF/wf.html> - a waterfall plot of the RF spectrum used by HAARP. Spectrum for the current day since midnight (UTC) is plotted. There's a strong, broad signal that comes and goes (for like hours at a time) between 3 and 4 MHz, and a couple of others around 23 and 27 MHz.

<http://www.haarp.alaska.edu/specF/images/wfy.gif> - same chart but previous day's data.

<http://www.haarp.alaska.edu/mon/bscan.html> - spectrum of NCDXF amateur radio beacons around the world. (Maybe helpful for checking 20M into Alaska, where the HAARP site is located.)

<http://www.haarp.alaska.edu/specF/spec.html> - current HF spectrum at the HAARP site, averaged over 20 minutes. Updated every 20 minutes. (Use your browser's Reload feature to make sure you're not looking at a cached (old) version. The plot displays the date & time it was generated.)

I was searching the Web for Over-The-Horizon radar info, and ran across the HAARP site. I guess they're experimenting with energizing the ionosphere above the site (Gakona in South-Central Alaska) with mass quantities (megawatts) of RF in the HF region. Maybe their spectrum plots show some correlation with the buzz saw activity. (Heck, maybe they ARE the buzz saw.)

FWIW, I also found the US has an OTH Radar site in Maine that NOAA is using to experiment with measuring air and water currents on the ocean, for hurricane tracking and study. Maybe they're experimenting with new modulation methods.

We now return you to your regularly scheduled discussion, already in progress...

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 13 Oct 1999 10:31:20 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>

Subject: [53089] Jim Kortge, K8IQY, Pacificon Speaker #5 in a series

Message-ID: <01bf15a0\$c3c9dbc0\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, the last time I was at Dayton, we had the 2N2222 building contest that was suggested by Wayne Burdick, N6KR. It was to be judged on Saturday night, and I was fortunate enough to eat dinner that night with a guy name Jim Kortge, K8IQY. Jim and I had met a couple of years before when he was the banquet speaker and talked about operating bicycle mobile. Jim told me that he had an entry in the 2N2222 contest, and was very nervous about missing the start of the judging. He told me that he had worked every night for months on his entry, and did not want to be late. I told him not to worry, and later, I found out why he was so nervous. His entry, the 2N22/40 transceiver was a thing that took my breath away. What a work of art. I was expecting ugly construction in the true sense of the word, but this was 180 degrees from that. Every part was aligned perfectly. It looked like a miniature city. Jim Kortge, as you all know, won the contest, his rig was featured in the winter issue of QRPp 1998 and has been built by many, many QRPers. It is even the basis for a building contest at Pacificon this year.

When I asked Jim to come to Pacificon and speak, I assumed that he would talk about the 2N22/40, but not Jim, he has come up with another design, a 40 meter to 6 meter transverter built with what else, 2N2222 transistors, and using his same design and building style that he used on the 2N22/40 rig. Jim's paper for the compendium is 15 pages of pure information, and it gives all of the schematics, and information about the design. He is working with Paul Harden to produce another article for QRPp that will be in the Winter 99 issue. Paul will again do the artwork, and Jim will write another one of his classic articles. I am extremely pleased that Jim will be making this appearance on the west coast, and I know that you will enjoy hearing him. Jim will also have the original 2N2222/40 transceiver with him, and he will have a working 2N22/6 rig also for you to see. Both rigs will be in the QRP Hospitality rooms both nights.

Pacificon is this weekend. I have one more day of school, then I leave Thursday at 3:15 to head for Concord and the Sheraton Hotel. Hope to see you there!! Here is a list of what is happening this weekend.

Friday night No Host QRP Dinner at Fuddruckers. Meet in Hotel lobby at 5:45 PM

QRP Open House Friday and Saturday nights in the Sheraton in a much bigger room this year.

QRP Vendors: Elecraft, Red Hot Radio, Sierra Radio, Wilderness Radio, QuickSilver Printing (Paul Harden), North Georgia Qrp Club, ARCI, NorCal, Ft. Smith QRP Group, NJ QRP Club, Lake Perris QRP Society, Jerry Parker

NorCal T-Shirts, Embedded Research, Vern Wright W6MMA antennas, San Luis Machine Company (Doug Hauff Keys), Long Island Mercury paddles (Richard Stamile), Arizona ScQRPions, Gusher Antennas (Joe Everhart), wow what a list!

6 QRP Forum Speakers, Paul Harden, Joe Everhart, Jim Kortge, Mike Gipe, Jim Duffey, and all the way from Folkestone, England, Dick Pascoe!! The forums start at 9 AM Saturday.

77 page Compendium filled with articles by the presenters plus information on the Tuna Tin 2/MRX Receiver. Note Compendiums are free to the attendees, and will not be available after the event.

Building an Operating Event featuring the TT2/MRX and a special Pacificon Fox Hunt with Mike Gipe, K1MG as the fox. Friday night at 8:00!! In the QRP Hospitality room.

Saturday night Open House featuring the 2N2/40 building contest, Regen Building contest and Homebrew Show and Tell display table!!

All of this happens this weekend at the Concord Sheraton Hotel in conjunction with the Pacificon ARRL Convention. There is a charge for the convention but NO additional charge for any of the QRP events. Sponsored and paid for by NorCal QRP Club. Hope to see you there. 72, Doug

Date: Wed, 13 Oct 1999 13:24:16 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: "charles k brown" <n4so@juno.com>
Cc: "qrp-1" <qrp-1@lehigh.edu>
Subject: [53090] Re: Stripping magnet wire insulation
Message-ID: <002201bf159f\$c77e9bd0\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken,

There are basically 2 types of magnet wire, one that is DESIGNED to burn off insulation and another type that was designed with no consideration for burning off the insulation. The type of wire I have is very common and does not burn off easily especially when using a constant temperature magnetic tip type weller solder station. Before I had a GOOD solder station, I used to use my 100 watt gun and go to town on the wires with no problems, but seldom use the gun anymore.

BTW, long long time ago, 1974 I soldered a 4 K memory board using 2102 static rams into a circuit board using that same 100 watt gun. Would U believe I pulled it off. Wonderfull what you can get away with in your youth.

73

Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----

From: charles k brown <n4so@juno.com>
To: <wb8qyy@one.net>
Sent: Wednesday, October 13, 1999 12:21 PM
Subject: Re: Stripping magnet wire insulation

> Dieter,
> This burns off easily with hot solder and the result is a tinned wire
> which is required anyway.
>
> Ken Brown N4SO
> Mobile, AL/EM50tk
> NorCal-20/5 watts/4 ele. beam
>
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.
>

Date: Wed, 13 Oct 1999 13:26:34 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: <rlwc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53091] Re: Power Connectors
Message-ID: <003101bf15a0\$19748300\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod,

Check out this page... <http://www.mpna.com/fpqrp/battconn.html>

73

Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPQRP#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----

From: Rod Cercone <rwcc@frii.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, October 13, 1999 1:02 PM

Subject: Power Connectors

> Folks:

>

> I'm looking for a good "universal power connector". (Something
> higher tech than wire nuts Ron, ;-)

>

> The ARRL handbook recommends a particular Molex device, but I can't
> seem to find both the male/female device locally, Mouser, Digikey.....
> And, the 8 Amp rating seems too low for some things like a VHF/UHF
> 50W mobile rig, my IC-207 draws 10-12 amps at max Pout.

>

> Recommendations?

>

> My plan:

>

> Power Supplies Cables/Conn. Equip.

> Gel Cell +----->-----= HT's

> Auto Batt %----->-----* Mobiles, VHF/UHF

> Switchers 8----->-----@ QRP Rigs

> Linear P/S 0----->-----& Watt Meters, other acces.

> Solar cell ()----->-----E Laptops

> Whatever ?----->-----? Whatever

>

> +, %, %, 0, (), ? = pwr src conn. fastons, cig lighter

> alligator clips, wires nuts... whatever

>

> =, *, @, &, E, ? = coaxial conn., molex types, wire nuts

> alligator clips, scotch tape... whatever.

>

> >> = the universal connector pair

>

> The idea is when I get some thingy that requires power, I'll make

> a cable with the thingy's connector and my standard connector. For
> all my power sources I'll make a cable for it with the mating
> connector to my standard. Then I can power anything form anything.
>
> I also want to make a "patch panel", so that one (possibly more) sources
> can more power multiple devices. Maybe I'll even add voltage & current
> monitoring to the panel.
>
> --
> 72/3 Rod, N0RC
> da di dah
>

Date: Wed, 13 Oct 1999 13:26:51 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-1@lehigh.edu
Subject: [53092] FOX: Pre-Fox Bash Results from W8RU
Message-ID: <3804C0DB.8B30C3CD@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All-

What a blast! It sure was great to get some warm-up time in as the Fox
without the fire-hose of callers running full-force.

I didn't get on until 0130utc owing to my daughters wanting extra
bedtime stories. This won't be the case when my official day arrives.
:)

I worked the following stations, all on 40m:

0138utc	AB0GO
0140	K1QM
0143	WA7LNW
0143	NF0R
0145	K5NZ
0147	WB4KVB
0154	N7GS
0205	KE4IZH
0207	WE6W
0209	N4ROA (running a K2 rig)
0213	N4XDW
0215	N5JI

0232 AF5Z
0237 KI0II
0240 W2XN
0242 AF4PP
0244 NM5M
0255 W9UQB

One interesting development was having Edward, CM2EX, answer my CQ FOX from Cuba. He said that he was copying me 579 and was surprised to learn that I was running only 5w. You never know. WB4KVB, Paul, was also not part of the official hunt. I'll be sending him the info so that he can join in if he so desires.

Thank you all for giving me a call and a QSO. It was nice to meet you and I look forward to pulling you out of the pack in November.

72/3!

Ron (W8RU).

I sure had a great evening even though the band was quite noisy. I discovered just how out of form I am with respect to copying weak signals buried in the noise.

Date: Wed, 13 Oct 1999 10:41:25 -0700
From: Ed Loranger <we6w@qsl.net>
To: Elecraft <elecraft@qth.net>, qrp-1@lehigh.edu
Subject: [53093] Audio Vibrations, K2.
Message-ID: <3804C444.B5787339@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Wayne, Eric and Group. Having built two K2's, one with the internal Battery and one without, I noticed something interesting. It is not a major concern and in no way detracts from the excellent rig the K2 is! But, hey, we all need mods, right? :)

First, the rig without the internal battery installation had a speaker-induced vibration from 560 Hz to about 680 Hz. I think this is most noticeable on strong CW signals but does NOT require very loud volume, just a good clean signal.

The other rig with internal battery option installed has some minor vibration resonances but the extra mass of the battery made those nearly unnoticeable.

I've recently become annoyed with the audio vibrations on this K2 and decided to do some work. Hey, Wayne and Eric have their hands full. Hopefully this will help them find a solution. Or maybe this rig stands as the only one with the problem?

First, it "Appears" that the 7.2 inch slot between the screws where the front and top panel meet is involved. Basically, without considering panel elasticity in the formula, results in a $1/4$ wave acoustic resonant frequency at 491 Hz. Due to panel stiffness, the speed of sound within the panel and the fact that the panel is anchored at both ends, the maximum deflection is forced at the center, thereby selecting the $1/2$ wave mode at 2×491 Hz. When adding the remaining mass of the top panel, including the speaker, this 982 Hz fundamental mode becomes lower and in my unit is excited from as low as 540 Hz to 710 Hz though the most noticeable is from 560-680 Hz. The addition of a mass where the battery would be installed does significantly lower this frequency but I have not measured that frequency.

For a first pass at repair, I had to isolate the problem. Removing the top cover while the speaker is producing a 600 Hz or so tone, the vibration problem was gone. The problem does not appear to be associated with speaker mounting, but I punched some insulating doughnuts out of the ESD black foam shipped with the K2, and these doughnuts I installed over the speaker mounting screws on the inside, and topped the screws with the speaker fiber washer, speaker, lockwasher and #4 nut. The resonance problem with the lid installed with all 6 screws was markedly reduced but still not to my liking.

I proceeded to evaluate simple fixes, not requiring any major redesign. BUT, I do suggest the speaker be mounted off center in the lid and toward the right front of the unit, perhaps $3/4$ inch from the right side and 1 inch from the top panel front edge. Offset mounting of speakers is common in the hi-fi speaker industry to reduce resonant modes of the mounting panels.

Back to my fix. I cut 7 inches of 18 AWG wire. Radio shack speaker wire. I slit the insulation lengthwise and removed the wire. The tubing was placed over the front edge of the lid which I removed from the K2. I then placed the lid back on the K2 and with some minor pushing, was able to seat

the 2 side, 2 top screws, and the two rear screws were easy.

Result: Resonances MARKEDLY reduced. SSB voice response improved. One very small resonance at 840 Hz or so.

NOTE: The tubing was thicker than optimum so I may test some heatshrink and perhaps that will work.

The IDEAL solution may be to add a mass to the front portion of the lid. Perhaps a semi-circle hunk of metal extending between the two speaker holes at the front of the box. Actually, a bracket at the front center of the lid, anchored to the front panel would be great. Perhaps a plastic channelized "H" strip, similar to the ARGONAUT 505/ 509 can be added to lock the lid and front panels together?

If anyone has done work on this and/or found NO resonant vibrations in their speaker/lid, I'd like to know.

For certain, all 'D' hardware and panels align up perfectly on this radio and are installed as designed.

Thankyou and I hope this work is helpful to someone.

72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Wed, 13 Oct 1999 18:16:31 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [53094] On the road again--Fox Hunt
Message-ID: <19991013181632.35267.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang:

Got to the Comfort Inn in Waynesburg (PA) about 6pm last evening. There was not way to get the Stealth Dipole outside so I taped it up on the ceiling around the room, cut the feedline to about 15 ft and found it loaded on 40 and 20 meters.

First QSO was NF0R...DAve....569 on my 5 watts from my Red Hot 20 with an indoor 1/2 size G5RV taped to the ceiling!!

Next QSO was with K7GT, Allan, who was calling "CQ Fox" worked him with 229/339 and got him after a couple of tries. Not bad~! 3000 miles on 5 watts. Hope to be on tonite after 6PM on 20 with the RH 20.

Unfortunately 40 meters does not work well from the inside antenna and only 2 watts from the Wiildernes NC-40A. Can't hear much either. Sorry to all who need Green County on 40.

73 Rich K7SZ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 13 Oct 1999 14:50:12 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [53095] ARRL Tech Info Service diskette
Message-ID: <19991013.184754.4415.0.n4so@juno.com>

I have one diskette of ARRL Tech Info Service Finder which I will pass on and mail for postage. The files of ARRL TIS Find are working on this computer. This new version updates my old 1996 TIS Find files, and contains more Web addresses and E-mail addresses.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 13 Oct 1999 11:50:11 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Allan G Taylor <k7gt@arrl.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53096] Re: MRX40 troubles (chip voltages)
Message-ID: <Pine.LNX.3.96.991013113954.5701A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Allan,

These data may be of use to others on the list, hence I'm copying QRP-L.
Data taken on working MRX40 with a DVM. Battery voltage=8.78V under load
of rig. Only mod is that I use 22k for R2 (the minimum value recommended
on the NE602 data sheet). Voltages are listed below:

Pin No.	U1 (NE602/612)	U2 (LM380)
-----	-----	-----
1	1.40	0
2	1.40	0
3	0	0.01
4	5.10	0
5	5.14	0
6	6.16	3.64
7	5.39	8.79
8	6.27	4.53

Hope this info is of use. 72, Dave, W6EMD, Redwood City, CA

Date: Wed, 13 Oct 1999 12:35:07 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [53097] Rides for Speakers found.
Message-ID: <01bf15b2\$0e600900\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave Fifield has agreed to pick up Joe Everhart and Jim Kortge at SFO on
Friday. I would love to be a mouse in that car on the ride over to Concord.
Talk about 3 great minds!!

Jeff Furman has also agreed to stop by and pick up Paul Harden Friday
evening at Oakland. Good luck Jeff. I have tried to meet Paul 3 different
times and have had a snafu every time. Hopefully it will go smoother for
Paul. Anybody remember the time I was doing a presentation at the first
Pacificon, and Paul comes shuffling in, carrying his suitcase, a box of data

books, and a 20 Ft. telescopic fishing pole? He was supposed to have taken the shuttle to the airport and missed it!! I think Bob Tellefsen was the one who jumped in and gave him a ride. Then there was the time that Pete Hoover and John Dundas gave him a ride to Oakland and got rear ended on the way. Jeff, you have a mission in front of you, but we are confident you will succeed. Be careful, because you are transporting a QRP Treasure..

Seriously thanks to these two for stepping forward. Jay Bromley and I will be picking Dr. Megacycle up at Oakland Friday morning. Dick Pascoe is in the area and will arrive also on Friday, and Mike Gipe lives nearby in Saratoga, so he knows the way. I have just finished 100 more toroid kits, and we will have those available. If you are planning on buying one, don't take too much time, because they are going fast. We only have 200 kits left out of the original 500.

Also, I forgot to mention that Paul and Darrel Jones will be bringing test equipment to set up and trouble shoot rigs both Friday and Saturday nights. If you have a rig with a problem, or want to learn more about using test equipment, be sure to stop by and visit with Paul and Darrel. 72, Doug, KI6DS

Date: Wed, 13 Oct 1999 12:27:46 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [53098] FOX: Par-ty!
Message-ID: <3804DD32.1A5DB738@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sure was a winner! Had lots of fun and landed 10 stations. Hey, not great, I know. But that is what the low loop can do and I see it is time to upgrade this "1 Tree Antenna QTH" somehow...

First Q? K7Q0 on 20 meters. I figured he was running 500 mW or something and gave him a 339. In fact, I was surprized (surprised?) I had to call him 3 times before getting a gratuitous 559.

Then I saw it! The ZM-2 was still in "TUNE" mode! Oh my goodness.

Dummy Load night all over again!

So Chuck, I don't know how much power it was, but I had the 3 resistor bridge in there and still you heard me (5 watts INPUT :) . Good ears #1.

Thanks go to all the Foxes; what a Par-ty!
72/Ed we6w

--
-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Wed, 13 Oct 1999 12:29:16 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: rwc@frii.com
Cc: qrp-l@lehigh.edu (qrp)
Subject: [53099] Re: Power Connectors
Message-ID: <199910131929.MAA14018@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rod,

I strongly recommend Anderson Power Poles. They are 30amp connectors and I am using them for the same applications you want to. If you are interested, I know a guy who sells them for a much better price that you can probably get at the normal outlets.

cheers, Paul - VE7CQK - email: paule@sfu.ca

>

> Folks:

>

> I'm looking for a good "universal power connector". (Something
> higher tech than wire nuts Ron, ;-)

>

> The ARRL handbook recommends a particular Molex device, but I can't
> seem to find both the male/female device locally, Mouser, Digikey.....
> And, the 8 Amp rating seems too low for some things like a VHF/UHF
> 50W mobile rig, my IC-207 draws 10-12 amps at max Pout.

>

> Recommendations?

>

> My plan:

>

> Power Supplies Cables/Conn. Equip.
> Gel Cell +----->>-----= HT's

```

>      Auto Batt %----->>-----*    Mobiles, VHF/UHF
> Switchers 8----->>-----@    QRP Rigs
> Linear P/S 0----->>-----&    Watt Meters, other acces.
> Solar cell ()----->>-----E    Laptops
>      Whatever ?----->>-----?    Whatever
>
>      +, %, %, 0, (), ? = pwr src conn. fastons, cig lighter
>                          alligator clips, wires nuts... whatever
>
>      =, *, @, &, E, ? = coaxial conn., molex types, wire nuts
>                          alligator clips, scotch tape... whatever.
>
>                          >> = the universal connector pair
>
> The idea is when I get some thingy that requires power, I'll make
> a cable with the thingy's connector and my standard connector. For
> all my power sources I'll make a cable for it with the mating
> connector to my standard. Then I can power anything form anything.
>
> I also want to make a "patch panel", so that one (possibly more) sources
> can more power multiple devices. Maybe I'll even add voltage & current
> monitoring to the panel.
>
> --
> 72/3 Rod, NØRC
> da di dah
>

```

```

-----
Date: Wed, 13 Oct 1999 19:24:44 -0400
From: wa8rxixi@juno.com
To: boice@bigfoot.com
Cc: qrp-l@Lehigh.EDU
Subject: [53100] Re: QSL question Part II
Message-ID: <19991013.192503.-178615.3.wa8rxixi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

```

Mike,

When sending via the Buro you need not indicate who the QSL manager is.
There are four methods (maybe more?) to QSL a DX station.

- 1) Via the buro, which is probably the cheapest, but has the longest turn around time.
- 2) Direct with IRC's, green stamps, what have you.
- 3) SASE, which is a little more expensive. But, I find it gives about 90

to 95% QSL return rate...

4) QSL manager stateside or otherwise. Some require SASE's, some IRC's,

others 2 or more "green stamps" (caveat emptor)...

If you use the buro method, all you need to do is arrange the cards alphabetically.

Ship them off to your favorite OUTGOING QSL BUREAU, with payment for their time and trouble.

If you are an ARRL member, that would be \$6.00 for a pound of cards.

Or, if your not an avid DXer, 10 cards for a buck.

GL es 73,

Rick - WA8RXI

=====

On Wed, 13 Oct 1999 10:26:56 -0400 The Boices <boice@bigfoot.com> writes:

> Forgot to ask this one earlier: when sending cards via the buro, how do

> you specify the QSL manager? I.e., what format do you use to to include

> both callsigns on the card?

>

> I've looked at the ARRL website for info, but didn't see the

> specifics for this.

> 72,

> Mike Boice, KW1ND

> New Gloucester, Maine FN43uw

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 13 Oct 1999 12:42:16 -0700

From: Allan G Taylor <k7gt@arrl.net>

To: wa8rxi@juno.com, qrp-1@lehigh.edu

Subject: [53101] Re: QSL question Part II

Message-ID: <3804E098.11E2@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The QSL manager is not needed unless it is a foreign manager and you don't plan to grease the skids with \$\$\$. The ongoing Pacific DXpeditions QSL via home calls (DJ-something) and I know BA4TB uses 9A2AJ. Via the buro always takes longer, but some good things come

that way anyway.

One thing to consider is that a DX station who has a manager would probably prefer you NOT send to him directly but to use the manager instead. Via buro to the manager makes sense, dollar-wise.

Allan K7GT

--

```

                                     |
                                   /|
                                 /  |
                               | /Z | \
                             /| /599| \      k7gt@arrl.net
                          /_| /____|__\    http://www.qsl.net/k7gt
    Allan Taylor  K7GT                    [\-----/
    Pleasanton CA  CM97aq
    ...QRO, QRP, or barefoot.....
    ~~~~~
```

Date: Wed, 13 Oct 1999 14:59:28 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: rwc@frii.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53102] Re: Power Connectors
Message-ID: <3804E4A0.E154569D@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Recommendations:

1. Radio Shack carries a pretty full line of Molex connectors of the type ARRL sanctioned.
2. Multiple pins can be paralleled to handle larger current loads.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Rod Cerkoney wrote:

- >
- > Folks:
- >
- > I'm looking for a good "universal power connector". (Something

> higher tech than wire nuts Ron, ;-)
>
> The ARRL handbook recommends a particular Molex device, but I can't
> seem to find both the male/female device locally, Mouser, Digikey.....
> And, the 8 Amp rating seems too low for some things like a VHF/UHF
> 50W mobile rig, my IC-207 draws 10-12 amps at max Pout.
>
> Recommendations?

Date: 13 Oct 99 16:04:45 EDT
From: Michael Fletcher <kl7ixi@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [53103] Webfoot QRP'er returns to Pacific North"west"
Message-ID: <19991013200445.17028.qmail@nwcst285.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Greetings all:

Departing Atlanta Friday on my motorcycle and heading back to where my=
web
feet can be properly hydrated. After 10 months in Georgia I'm looking for=
ward
to telecommuting from the home office, and the 325 days a year of "frost-
free"
weather that Washington enjoys.

Riding the slab through Kansas City, Nebraska, Wyoming, Utah, Idaho an=
d the
home stretch along the Columbia River to Vancouver, Washington.

Just in time to put up an antler for the winter Fox Hunt.

72,
Mike KL7IXI

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>
1

Date: Wed, 13 Oct 1999 13:17:18 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53104] Re: QSL question Part II
Message-ID: <Pine.GS0.4.10.9910131310410.12057-100000@rotor.dri.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Just a couple of items.....

- 1) All QSL cards going to DX stations should have all the data on one side. The other side should be blank.

While the super fancy cards are nice (I have some myself) save them for the more "normal" contacts.

- 2) It is OK to send cards to foreign QSL managers via the buro. Have the card filled out on the "front" side and on the blank "back" side write in big letters "VIA XX1X" where XX1XX is the manager.

Place in the stack sorted using the managers call and with the "back" side "up". In other words, as the person doing the sorting is going through the stack of cards have it so that they see the manager's call, not the DX station.

OK, back in my hole....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 13 Oct 1999 15:03:58 -0500

From: "Ed Manuel (N5EM)" <n5em@flash.net>

To: qrp-l@lehigh.edu

Subject: [53105] Re: Brand new commercial QRP field radio - monobander for \$379 ????

Message-ID: <4.1.19991013144103.00a3b1b0@pop.flash.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Looks like the awesome Trail-Friendly-Radio for when you absolutely, positively HAVE to make a contact :-)

Ed, N5EM

At 01:58 AM 10/13/1999 -0400, you wrote:

>Jim,
>379 for a monobander is pretty steep -- aside from the rugged construction
>why should I buy one???
>72
>Howard K3HW

Date: Wed, 13 Oct 1999 13:32:50 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu, paule@sfu.ca
Subject: [53106] OSCILLATORS (10 MHz OCXO, Lab quality)==> 1 More!
Message-ID: <3804EC72.71CA4A40@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Precision oscillator fans. After parting the spider webs in the dark recesses of one of my junk box drawers, I found THE VERY LAST, brand new, precision oscillator for 10 MHz.

It goes for the best deal I can find. You pay shipping which has been running \$3.20 for U.S. Priority shipments via the Postal Service. Weight about 1 pound.

Suggestions for trade:
Battery powered RF sig gen up to 500 MHz.
MFJ-271 with all attachments.
Radio or Tuner kits.
Unique and usable as well as interesting gear.

I will keep this as a backup if I don't get any good offers.

Thanks and sri for the B/W.

Will be at Pacificon the entire day and into the night THIS Saturday! Yee-Haw!

72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Wed, 13 Oct 1999 13:51:50 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Jay Bromley" <w5jay@alltel.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53107] Re: Manhattan style Glue
Message-ID: <010d01bf15c1\$0ec50e90\$5c094ed8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Jay Bromley <w5jay@alltel.net>
To: <rules@bellsouth.net>; Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, October 12, 1999 7:13 AM
Subject: Re: Manhattan style Glue

Hi Jay,

> A fan should help, I got a bacterial infection once on my face. Burning
> solder on to many Boat anchors like the Collins 75A4. The doctors and I
> like to never figured it out. It never happened again after using a small
> turbo fan I bought from Wally World. I use it to drawl, not push fumes
> away. Your results may vary.

I've been using a fan for many years, too, Jay, and have decided to use a professional air ventilator and goggles, as another ham has suggested. I'm still doing research on cyanoacrylate, and it doesn't look good! I'll post my finds to the list when I'm finished.

72/73,

Randy Jouett, AB5NI

Date: Wed, 13 Oct 1999 14:58:05 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53108] Re: Cyanoacrylates (Super Glue)

Message-ID: <011201bf15c1\$41d2aae0\$5c094ed8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 12, 1999 11:44 AM
Subject: Re: Cyanoacrylates (Super Glue)

> Thank you for the first good post about the super glue issue!

Agreed!

> Everything we do CAN give off some by product that if taken
> in some silly amounts for long enough times MIGHT be bad
> for you!

There is no "might" about this stuff, Ron. As a matter of fact, thinking "might be bad for you" in the chemical world gets a LOT of people killed every year. As I said before, this stuff is nasty, and it requires further study, especially in the area of burning the stuff, making it air-bound. I'm looking into the situation and will post the results when I'm done.

> So just keep the air moving any fumes moving away from you
> and don't eat the glue! It's not the same as the paste we
> all ate back in grade school! :-)

This will help, for sure! :^)

> I sometimes think that the ability to measure down into the
> trace amount areas has caused too many people to stop having
> fun and instead to start fearing life!

That's because trace amounts of some materials can kill, Ron. Ask any chemist the horror stories they've had to deal with, and then you'll understand why they are cautious.

> Heck, I've know some guys in the oil fields that gave off
> worse fumes that any glue I've ever been around! :-)

I know of multiple oil-field workers dying of cancer as we speak, and this was from hanging around the mud

pits too much, Ron.

Please don't try to turn this discussion into a "Yeah -- to heck with it, have fun, and just be a little careful" situation. I admit that it could be kinda' safe to use, but as far as I'm concerned, the final word isn't out on burned cyanoacrylate. My brother-in-law also told me that I should look into this particular aspect much deeper. He's a chemist, sure, but he hasn't studied this stuff. With his help, I plan to get to the root of this situation. In the mean time, everyone should be VERY careful with this stuff.

72/73,

Randy Jouett, AB5NI

Date: Wed, 13 Oct 1999 16:25:11 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <anthony@pacinfosb.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53109] Re: power
Message-ID: <005701bf15c1\$78a4c940\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not to mention recycled Magnetrons - or are they Klystrons - from old microwave ovens. I understand that some have found their way onto ham microwave bands. Did I spell those right?

Dan WB5TKA

-----Original Message-----

From: Anthony Felino <anthony@pacinfosb.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, October 13, 1999 11:57 AM
Subject: power

>Randy Jouett wrote:

>"I was doing some horse trading the other day, and I
>picked up busted CB amplifier. I was wondering if I

>could use the thing with the HTX-10 legally when it
>was repaired and working?"
>
>Part of the amateur tradition is putting anything on the air
>that you can. Hams routinely and legally use commercially made ham gear,
>homebrew stuff, ex-military gear, old two-way radio equipment and
>broadcast transmitters, just to name some of the categories.

Date: Wed, 13 Oct 1999 16:20:56 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <w4pj@w4bkx.ampr.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53110] Re: Part 97.315 FCC rules [Was Re: CB amps.....]
Message-ID: <011401bf15c1\$4635ddf0\$5c094ed8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <w4pj@w4bkx.ampr.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 13, 1999 6:51 AM
Subject: Part 97.315 FCC rules [Was Re: CB amps.....]

Hi Scott,

Your application to graduate school to the Univeristy of Ham Radio
has been accepted! You pass the G.R.E. with flying colors!

> 97.315 Type acceptance of external RF power amplifiers.

This is what I meant when I said "type acceptance." These
illegally-marketed amps were/are mass produced, violating
all kinds of laws, and is the reason I said that there is a
gray area in the ownership and use of these CB amps.

- > (a) No more than 1 unit of 1 model of an external RF power amplifier
- > capable of operation below 144 MHz may be constructed or modified
- > during any calendar year by an amateur operator for use at a station
- > without a grant of type acceptance. No amplifier capable of operation
- > below 144 MHz may be constructed or modified by a non-amateur operator

> without a grant of type acceptance from the FCC.

This is why I removed the collector leads on the finals and turned the thing into a bunch of parts.

> (b) Any external RF power amplifier or external RF power amplifier kit
> (see 2.815 of FCC rules), manufactured, imported or modified for use
> in a station or attached at any station must be type accepted for use
> in the amateur service in accordance with Subpart J of Part 2 of the
> FCC rules.

Another reason why I unsoldered the finals.

> This requirement does not apply if one or more of the
> following conditions are met.
> (2) The amplifier was manufactured before April 28, 1978 and has
> been issued a marketing waiver by the FCC, or the amplifier was
> purchased before April 28, 1978, by an amateur operator for use at
> that amateurs station.

The amp I have looks pretty new. Besides all of this, it's already illegal because of the previous rules mentioned, I'd guess.

> (3) the amplifier was:
> (i) Constructed by the licensee, not from an external RF
> amplifier kit, for use at the licensee's station; or

> (ii) Modified by the licensee for use at the licensee's station.

Subsection 2 is what has me worried!

> (4) The amplifier is sold by an amateur operator to another amateur
> operator or to a dealer.
> (5) The amplifier is purchased in used condition by an equipment
> dealer from an amateur operator and the amplifier is further
> sold to another amateur operator for use at that operators
> station.

> I guess that covers the question.

Sure does, Scott.

> Every amateur operator should have a copy of Part 97 FCC rules.

Too true.

72/73,

Randy Jouett, AB5NI

Date: Wed, 13 Oct 1999 15:06:55 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <w4pj@w4bkx.ampr.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53111] Re: CB Amplifiers [Was Re: 10 meter beacons...]
Message-ID: <011301bf15c1\$451504a0\$5c094ed8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <w4pj@w4bkx.ampr.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 13, 1999 5:34 AM
Subject: CB Amplifiers [Was Re: 10 meter beacons...]

Hi Scott,

> You can construct or modify one unit of one model per year.
> If you are a licensed Radio Amamteur.
> Part 97.315
> de (Scott) W4PJ

WOW! Someone FINALLY doing some homework,
which I did myself, BTW. I was wondering how long
this was going to take!! A+. You set the curve! Move
to the head of the class, Scott!

72/73,

Randy Jouett, AB5NI

Date: Wed, 13 Oct 1999 14:28:56 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>

To: qrp-1@lehigh.edu (qrp)
Subject: [53112] ED your mail keeps bouncing
Message-ID: <199910132128.0AA13395@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed, your address keeps bouncing.

cheers, Paul

Date: Wed, 13 Oct 1999 17:51:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rules@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53113] Re: CB Amplifiers [Was Re: 10 meter beacons...]
Message-ID: <005e01bf15c5\$367c0020\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, this can keep bouncing back and forth to it being a 'manufactured' unit to a 'built' unit, when in fact you can 'declare it' whatever you want.

As a HAM, you can take any old boatanchor to super wizbang cutting edge piece of equipment, and cut and hack and modify to your hearts content. But ONLY to use it for HAM purposes, and have it meet HAM requirements.

Now, there is no definition as to what constitutes the level of 'acceptable' work to build something. It can be as simple as reprogramming that commercial HT to HAM frequencies. It is now a HAM radio, and could be argued to be actually ILLEGAL for it's original intended use. With that in mind, taking an ILLEGAL CB amp, and going in and tuning it to HAM frequencies, or even just making sure it works there withing HAM radio rules and requirements, it seems to me would be more than sufficient to satisfy legality.

However, personally, if I had a CB amp, just to prevent any confusion, I would pull any and all external markings off the thing that refer to what it originally was. And I'd probably put a 'label' on it that declared it a "10M Amp".

Mike Yetsko

N1DVJ

Date: Wed, 13 Oct 1999 17:55:33 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [53114] K0EVZ Pre-FOX Results
Message-ID: <199910131759_MC2-88C0-2E5C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Thanks again to all who dropped by last evening during the Pre-FOX QSO party. I spent all my time on 40, a large portion dodging the buzzsaw then quite a long time of what appeared to be deliberate QRM = tuning up, playing with the keyer, etc.

Tough evening here. So thanks to all you heroes for calling and then hanging around long enough to verify the QSO.

Here is a listing of the stations worked, simply in order of the QSO. I have not taken the time to list times and signal reports in the interest of brevity. In a couple of cases I cannot read my own hand-writing for names (sorry).

N0UR Jim MN
W0AV George MO
NV4V Pete KY
K5ZTY Bill TX
N1LN TX
K5NZ TX
AB0GO Dave CO
VE6EWM Earl AB
K4SL Randy AL
WE6W Ed CA
N7GS MAL MT
AB7MY Gary AZ
WX7LW Jack UT
W8KC Paul MI
KK5LD Dan TX
AA0ZZ Caig MN

WW7Y Steve UTR
N0RC Rod CO
W5TB Doc TX
WD8KQY Gary OH
NF0R Dave MO
WZ2T Rick NY
N4ROA Dan VA
AE2T Al NY
AF4PS MAC FL
AB7ST Bob UT
K5OI Tim NM
WS5TAW Dick TX
N09RP Brian WI
NS5I Rich TX
KI0II Ron CO
WD4MSM Barry IN
K4BKD Pete GA
K0QD Hugh CO
KC8KFI Andy OH
WA8RXI Rick MI
N07X Floyd AZ
K8DD Hark MI
W0MC Jerry CO
KS4L Randy AL
N9DD IN
NM5M Eric TX
N6XU Stan CA
NZ4E Marc VA

Thanks again, one and all. See you on the bands. And I hope everyone will chase me on 11/25/99, 0200Z.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
70511.3041@compuserve.com

Date: Wed, 13 Oct 1999 15:10:03 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Randy Jouett <rules@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53115] Re: Cyanoacrylates (Super Glue)
Message-ID: <Pine.GS0.4.10.9910131505410.13988-100000@rotor.dri.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 13 Oct 1999, Randy Jouett wrote:

> That's because trace amounts of some materials can kill,

Oh Horse feathers!

Come the day I worry about trace amounts of things that we have all been around every day of our lives is the day that I want to die!

This is so far off topic from anything that really pertains to radio or QRP that it's not worth anyones time reading anymore! If it ever was in the first place.

Time to make another filter!

The sky if falling..... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: 13 Oct 1999 18:10:50 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;
Subject: [53116] RF emission for non-hams [OT]?
Message-ID: <1999Oct13.181050-0400@[130.113.234.7]>

May have found a way to introduce QRP radio emissions to non-ham engineering students....

I understand that British (and American?) experimenters can transmit VLF radio under certain antenna and power restrictions. Do they have to be licenced? Anyone know the Canadian rules for VLF experimenters?
Glen VE3DNL leinwebe@mcmaster.ca

Date: Wed, 13 Oct 1999 18:29:26 EDT
From: K1JD@aol.com
To: qrp-l@lehigh.edu
Subject: [53117] RI FOX Activity
Message-ID: <0.74ebec34.253661c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

I was, excuse the expression, DOG-tired Tues PM and so was on a grand total of only half an hour. My first QSO was with Chuck K7QO on 20m at 0105 - not the only one with Chuck in the log as the 1st QSO of the evening! 20m was dead quiet after that, checked other HF bands.. no hounds barking or whining .. so all others on 40m:

K5TF
N9KW
N4ROA
WD8KQY
WA8RXI
KE4IZH
KU4AF
AJ4Y
AF4PP
WD4MSM
W8KC (thanks, mom!)
NF0R
AB7MY
AF4PS

Thanks to all for the fun. Hope there are many hounds out and about and in hot pursuit on the evening of Nov 8th!

72/3,
John K1JD
Jamestown, RI
QRP-L #1945

Date: Wed, 13 Oct 1999 23:38:10 +0100
From: "colin" <gw3wsu@gw8nnc.screaming.net>
To: "Low Power Amateur Radio QRP Discussion" <qrp-l@Lehigh.EDU>
Subject: [53118] Fw: RF emission for non-hams [OT]?
Message-ID: <003201bf15cb\$a784b5e0\$e1e831d4@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 13, 1999 11:10 PM
Subject: RF emission for non-hams [OT]?

May have found a way to introduce QRP radio
emissions to non-ham engineering students....

I understand that British (and American?)
experimenters can transmit VLF radio under
certain antenna and power restrictions. Do
they have to be licenced? Anyone know
the Canadian rules for VLF experimenters?
Glen VE3DNL leinwebe@mcmaster.ca

Unfortunately in the UK anyway you have to have a "Full" Amateur Radio
License to use the 136 kHz band!!

72/73 de Colin GW3WSU
G-QRP # 4641
FISTS # 4815
QRP-L # 2021
gw3wsu@gw8nnc.screaming.net

Date: Wed, 13 Oct 1999 15:48:29 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [53119] SEEKING K7MPH
Message-ID: <38050C3D.2E523C21@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry for the post but can't get any email to Mark.

Mark, been trying to get you since last Friday.

Send the unit to my address. We have a deal:

Ed Loranger
241 Barham Ave.

Santa Rosa, CA 95407-7052

I'm getting your email OK but you aren't getting mine
from ANY of my email accts. Not bouncing, just gone.

Later buddy.

-Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Wed, 13 Oct 1999 17:54:39 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: leinwebe@mcmail.cis.McMaster.CA, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [53120] Re: RF emission for non-hams [OT]?
Message-ID: <002401bf15cd\$ef1b83a0\$5637a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Glen,

You can find the Canadian rules for VLF experimenters at the following in
.pdf format:

<http://strategis.ic.gc.ca/SSG/sf01320e.html>

I have some information that you may find useful at the follwoing site:

<http://home.swbell.net/aa5tb/longwave.html>

One of the best sources for VLF through MF information is the Longwave Home
Page at:

<http://www.lwca.org/>

Enjoy.

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Wed, 13 Oct 1999 16:59:49 -0600
From: Larry East <w1hue@amsat.org>
To: charles k brown <n4so@juno.com>
Cc: qrp-l@lehigh.edu
Subject: [53121] Re: Illegal Rig??
Message-ID: <3.0.5.32.19991013165949.00913260@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:34 AM 10/13/99 EDT, you wrote:

>Larry,
>Your one line comment was rude and crude.
>Try again to think of something intelligent and enlightening to the qrp-l
>group. Or is that too difficult for you to comprehend???

>
Hmmm... any "Rude and Crude" comment was intended as a private response,
NOT to be sent to QRP-L!! If it went to QRP-L, then I am extremely sorry
and wholeheartedly apologize! Just chalk it up to a "nut loose on the
keyboard..."

:-)

72, Larry W1HUE/7

End of QRP-L Digest 1607

